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Sequence 2, Appli
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Sequence 513, Appli
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Sequence 543, Appli
Sequence 223, Appli
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Sequence 1416, Ap
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Parent No. US20020061859A1

GENERAL INFORMATION:

APPLICANT Serrero, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILE REFERENCE: Z9996 488/P001-A

CURRENT FILING DATE: 2091-216

FRIOR PILING DATE: 1997-12-16

PRIOR PLING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH: 593
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4 US.10-218-160-17
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; ORGANISM: Human GP88
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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMS.pep:*

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                    GenCore version 5.1.6
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| Segrance | 17, Application US/09824807 |
| Sequence | 17, Application US/09824807 |
| Patent No. US20020094966A1 |
| GENERAL INFORMATION: |
| APPLICANT: Serrero, Ginette |
| ATTLE OF INVENTION: 88 XCA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS |
| TILE REFERENCE: Z9996.488/P001-A |
| CURRENT PAPLICANTON NUMBER: US/09/824,807 |
| CURRENT PAPLICANTON NUMBER: US/09/924,862 |
| PRIOR APPLICANTON NUMBER: 08/991,862 |
| PRIOR FILING DATE: 1997-12-16 |
| PRIOR FILING DATE: 1997-05-23 |
| NUMBER OF SEQ ID NOS: 17 |
| SOFTWARE: PatentIn Ver. 2.0 |
| SEQ ID NO 17 |
| LENGTH: 593
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                                                                                                                                          ATGTGGACCCTGGTGGCTGGCCTTAACAGCAGGCTGGTGGCTGGAACGCGGTGC
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Conservative:
Mismatches:
Indels:
Gaps:
                                                                                                            (1-2095) x US-09-813-156-17 (1-593)
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100.00%
100.00%
85.57%
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Percent Similarity:
Best Local Similarity:
Query Match:
DB:
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APPLICATION NUMBER: 08/863,862
DATE: 1997-05-23
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TYPE: PRT

ORGANISM: Human GP88 CDNA
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Sequence 17, Application US/10218509
Publication No. US2030092661A1
PUBLICATION NO. PROPERMATION:
APPLICANT: Serrero, Ginette
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; CURRENT APPLICATION NUMBER: US/10/218,509
; CURRENT FILING DATE: 1090-8-15
; PRIOR APPLICATION NUMBER: 08/991,862
; PRIOR APPLICATION NUMBER: 08/861,862
; PRIOR APPLICATION NUMBER: 08/863,862
; PRIOR APPLICATION NUMBER: 08/863,862
; PRIOR PILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 17
; LENGTH: 593
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US-10-218-509-17
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            | Sequence 17, Application US/10281160 | Publication No. US20030108950A1 | Publication No. US20030108950A1 | Publication No. US20030108950A1 | Publication No. US20030108950A1 | APPLICANT: Serrero, Ginette | TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS | FILE REFERENCE: 29996.488/P001-A | CURRENT APPLICATION NUMBER: US/10/281,160 | CURRENT FILING DATE: 10596.08-17 | PRIOR APPLICATION NUMBER: US/08/991,862 | PRIOR FILING DATE: 1997-05-23 | PRIOR APPLICATION NUMBER: 08/863,862 | PRIOR FILING DATE: 1997-05-23 | NUMBER OF SEQ ID NOS: 17 | SOFTWARE: Patentin Ver. 2.0 | SEQ ID NOS: 17 | SEQ ID NOS: 18 | SEQ ID 
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US-10-321-587-17

Sequence 17, Application US/10321587

Sequence 17, Application US/10321587

Publication No. US20030215445A1

GENERAL INFORMATION:

TITLE CATT. Servero, Ginette

TITLE CO INVENTION: BR KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

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CURRENT FILING DATE: PRIOR PLING DATE: 1998-08-17

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PRIOR APPLICATION NUMBER: 08/863,862

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 17

IENGTH: 593
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ORGANISM: Human GP88 cDNA
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Percent Similarity:
Best Local Similarity:
Query Match:
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; TYPE: PRT
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                                               GCCTTGTCCAGCTCATGTGTCCGGACGCACGGTCCCGGTGCCCTGATGGTTCTACC
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961 GACCACATACACTGCTGTCCCGCGGGGTTTACGTGTGACACGCAGAAGGGTACCTGTGAA 1020
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  185 CysCysGluAspArgValHisCysCysProHisGlyAlaPheCysAspLeuValHisThr
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TGGCCTGCTGTCCCTACGCCCAGGCGTCTGTGTGCTGATCGGCGCCCACTGCTGTCT 1692
                        541 TrpAlaCysCysProTyrAlaGlnGlyValCysCysAlaAspArgArgHisCysCysPro 560
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                                                                                                                                                                                                                                                       Sequence 1411.416, Application US/09925301
Fatent No. US20202052308A1
GENERAL INFORMATION:
FALL SEPERAL INFORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERANCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR PILING DATE: 2000-03-08
PRIOR PILING DATE: 2000-03-08
PRIOR FILING DATE: 1099-03-12
NUMBER OF SEQ ID NOS: 1694
SOUTHARRE: PatentIn Ver. 2.0
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US-09-925-301-1416
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Best Local Similarity:
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US-09-925-301-1416
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                                                       421 GlulleValAlaGlyLeuGluLySMetProAlaArgArgAlaSerLeuSerHiSProArg
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TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29946.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
FRIOR APPLICATION NUMBER: 08/991,862
FRIOR APPLICATION NUMBER: 08/862
FRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ 1D NOS: 17
SOFTWARE: PATENTIN NOS: 17
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US-09-813-156-2
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                                             73 CCAGATGGTCAGTTCTGCCCTGTGCCTGCTGCCTGGACCCGGAGGAGCCAGCTACAGC 132
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| Sequence 2, Application US/09824807
| Patent No. US20020094966A1
| GENERAL INFORMATION:
| APPLICANT: Serrero, Ginette
| TILE OF INVENTION: BR KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE REPRESENCE: 29996,488/P001-A
| CURRENT APPLICATION NUMBER: US/09/824,807
| CURRENT FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 2
| LENGTH: 589
| TYPE: RT
| COGANISM: Mouse epithelin/granulin
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Matches:
Conservative:
Mismatches:
Indels:
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Publication No. US20020183270A1
GENERAL INFORMATION.
GENERAL INFORMATION: 80 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 80 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
CURRENT PLILAGE 29996.488/P001-A
CURRENT PLILAGE 20996.488/P001-A
CURRENT PLILAGE 20996.488/P001-A
PRIOR APPLICATION NUMBER: GARLIER APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
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SEQ ID NO 2 LENGTH: 589

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Publication No. US20030092661A1
GENERAL INFORMATION:
APPLICANT: Seriesto, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT FILING DATE: 2002-08-15
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: 1998-08-17
PRIOR PILING DATE: 1998-08-17
PRIOR PRIOR DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
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Matches:
TYPE: PRT ORGANISM: Mouse epithelin/granulin
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PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR PILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 09/863,862
PRIOR PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN VEY: 2.0
SEQ ID NO 2.0
                                                          LENGTH: 589
TYPE: PT
ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
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US-10-281-160-2
US-10-281-160-2
; Publication No. US20030108950A1
; GENBEAL INFORMATION:
; GENVERAL INFORMATION:
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REPRENCE: 29996.488/P001-A
; CURRENT APPLICATION NUMBER: US/10/281,160
; CURRENT PILING DATE: 2002-10-28
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               TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
APPLICANT: Seriero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR
FILE REFERENCE: 29996, 488/P001-A
CURRENT PAPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2002-12-18
PRIOR PILING DATE: PAROR FILING DATE: 1998-08-17
PRIOR PLING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
TYPE: PRI
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5 Sequence 2, Application US/10321587
7 Publication No. US200330215445A1
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Sequence 8, Application US/10562473

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FRICE PILING DATE: 2001-10-29

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3: (cgn2 6) prodata/2/pubpaa/US07 FUBCOMB.pep:*

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GenCore version 5.1.6
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US-09-824-807-7
US-09-824-807-7
US-10-218-509-7
US-10-218-509-7
US-09-824-807-17
US-10-218-160-17
US-10-281-160-17
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US-10-281-160-17
US-10-281-160-17
US-10-281-160-17
US-09-925-301-1416
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                                                                                                                                                                                                                                                                     1065169 seqs, 261661801 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Published Applications AA:*
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Maximum Match 100%
Listing first 45 summaries
                                                              OM protein - protein search, using sw model
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74
1 ARRGTKCLRREAPR 14
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Maximum DB seq length: 200000000
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Match Length I
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Sequence 5, Appli
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Sequence 11, Appli
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Sequence 15, Appli
Sequence 28, Appli
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Sequence 28, Appli
Sequence 28, Appli
Sequence 21, Appli
Sequence 31, Appli
     Sequence
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# ALIGNMENTS

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US-V=0.1-100."

Sequence 7, Application US/09813156

Parent No. US2002006185941

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/F001-A
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (1)...(14)
COTHER INFORMATION: Internal peptide of human GP88 used to develop
COTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-813-156-7
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ORGANISM: Human granulin
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Gaps ö 100.0%; Score 74; DB 9; Length 14; 100.0%; Pred. No. 1.3e-05; rive 0; Mismatches 0; Indels Query Match Best Local Similarity 100. Matches 14; Conservative

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ARRGIKCIRREAPR 14

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Publication No. US20030092661A1
GENERAL INCOMATION:
APPLICANT: Serrero, Ginette
TITLE REFERENCE: 22996.488 / FOOL-A
FURRENT APPLICATION NUMBER: US/10/218,509
CURRENT APPLICATION NUMBER: 08/991,862
PRICR APPLICATION NUMBER: 08/991,862
PRICR PELING DATE: 1090-08-15
PRICR FILING DATE: 1090-08-16
PRICR FILING DATE: 1097-05-23
NUMBER OF SEQ ID NO: 2.0
SOFTWARE: Patentin Ver. 2.0
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APPLICANT: SETTECO, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996,488/P001-A
CURRENT APPLICATION NUMBER: 2002-10-28
PRIOR FILING DATE: 2002-10-28
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-05-23
NUMBER: OF SEQ ID NOS: 17
SOFTWARE: PATCHIN VET: 2.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT

CRGANISH: Human granulin

FRATURE:
NAME/KEY: PEPTIDE

LOCATION: (1)..(14)

OTHER INFORMATION: Internal peptide of human GP88 used to develop

OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-10-218-509-7
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NAME/KEY: PEPTIDE
COCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-10-281-160-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 74; DB 14; Length 14; 100.0%; Pred. No. 1.3e-05;
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; Sequence 7, Application US/10281160
; Publication No. US20030108950A1
; GENERAL INFORMATION:
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ORGANISM: Human granulin
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Best Local Similarity
Matches 14; Conserv
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US-10-321-587-7
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Publication No. US20020183270A1
Publication No. US20020183270A1
Publication No. US20020183270A1
Publication No. US20020183270A1
PUBLICANT: Serreto
Ginete
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE REPERENCE: 29996.4881/P001-A
FURRENT APPLICATION NUMBER: BAS 105/09/824,647
CURRENT FILING DATE: 2001-04-04
PRIOR PLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/991,862
PRIOR PLING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR PLING DATE: EARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
  Sequence 7, Application US/09824807
Fatent No. US2020094966A1
GENERAL INFORMATION:
APPLICANT SETTERO, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9996 488/P001-A
CURRENT PAPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 2001-04-04
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 7
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NAME/KEY: PEPTIDE
LOCATION: (1)..(14)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-807-7
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OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-647-7
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Pred. No. 1.3e-05;
Mismatches 0; Indels
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Best Local Similarity 100.0%;
Matches 14; Conservative 0;
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Best Local Similarity 100.0%;
Matches 14; Conservative 0
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ORGANISM: Human granulin
                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Human granulin
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US-10-218-509-7
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US-09-824-647-7
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LENGTH: 14
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Indels

; Sequence 7, Application US/10218509

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1 ARRGTKCLRREAPR 14
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; ORGANISM: Human GP88 CDNA
US-09-824-647-17
                                                                                                                                                                                              TYPE: PRT
ORGANISM: Human GP88 cDNA
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Facent No. US200200618591
Facent No. US200200618591
Facent No. US200200618591
GENERAL INFORMATION:
APPLICANT: SEGUENCE
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT PAPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 1991-12-16
FRIOR PAPLICATION NUMBER: 08/991,862
FRIOR PAPLICATION NUMBER: 08/991,862
FRIOR PAPLICATION NUMBER: 08/991,862
FRIOR PAPLICATION NUMBER: 08/991,862
FRIOR PAPLICATION NUMBER: 08/863,862
FRIOR PAPLICATION NUMBER: 08/863,862
FRIOR PAPLING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH's 593
APPLICANT: Serrero, dinette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: 02/08/1987
FRIOR APPLICATION NUMBER: 08/08/91,862
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR PLICATION NUMBER: 08/863,862
PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SSOFTWARE: PATENTIN VER. 2.0
SOFTWARE: PATENTIN VER. 2.0
SOFTWARE: PATENTIN VER. 2.0
SOFTWARE: PATENTIN VER. 2.0
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Patent NO. US20020094966A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT FILING DATE: 2001-04-04
                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: PEPTIDE

CCATION: (1)..(14)

OTHER INFORMATION: Internal peptide of human GP88 used to develop

OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-10-321-587-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 74; DB 15; Length 14; 100.0%; Pred. No. 1.3e-05; Live 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 0.00048;
Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Human GP88 cDNA
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PRIOR PRICE TIME DATE: 1997-12-16
PRIOR PRING DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR DATE: 100-00, SCOTE 74; DB 9; Length 533;
PRIOR PRIOR DATE: SERVICE 2095-486/POIL-7
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RESULT 14
US-09-925-301-1416
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LENGTH: 621
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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| Sequence 17, Application US/10321587
| Publication No. US20030215445A1
| GENERAL INFORMATION:
| APPLICANT SETTER OF GINETE
| TITLE OF INVENTION: 88 KDA TUMORICENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: 088 KDA TUMORER: US/10/321,587
| CURRENT PELICATION NUMBER: US/10/321,587
| CURRENT PELICATION NUMBER: US/08/991,862
| PRIOR PILING DATE: PRIOR FILING DATE: 1999-08-17
| PRIOR PILING DATE: PRIOR FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARR: DATE: PRIOR FILING DATE: 1997-05-23
| SOFTWARR: PARCHIN VET. 2.0
                                                                                                                                                                                                                       Sequence 17, Application US/10281160

Publication No. USZ0030108950A1

Publication No. USZ0030108950A1

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 2996.488/P001-A

CURRENT PELING DATE: 2098-08-17

PRIOR APPLICATION NUMBER: US/08/991,862

PRIOR PILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NOWIGHER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH: 593
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 74; DB 14; Length 593; Pred. No. 0.00048;
          Score 74; DB 14; Length 593; Pred. No. 0.00048;
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                                                   0; Indels
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                                                     Mismatches
                                                     .
0
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Best Local Similarity 100.0%;
Matches 14; Conservative 0;
                 100.0%;
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                                                                                                                                  566 ARRGIKCLRREAPR 579
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                                                                                           1 ARRGIKCLRREAPR 14
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Best Local Similarity 100.
Matches 14; Conservative
Query Match
Best Local Similarity 100.0
The Conservative
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; ORGANISM: Human GP88 cDNA
US-10-321-587-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Human GP88 CDNA
US-10-281-160-17
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US-10-281-160-17
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566 ARRGIKCIRREAPR 579

RESULT 13

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APPLICANT: Reiger, Daniel,
APPLICANT: Reiger, Daniel,
APPLICANT: Reiger, Daniel,
APPLICANT: Spytek, Kimberly,
APPLICANT: Spytek, Kimberly,
APPLICANT: Spytek, Kimberly,
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
TILE OF INVENTION OF THE 2003-01-28
PRIOR PILING DATE: 2003-01-28
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2001-0-06
PRIOR PILING DATE: 2001-0-09
PRIOR PILING DATE: 2001-0-06
PRIOR PILIN
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patent No. US20020052308A1
cBNBRAL INPORMATION:
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT APPLICATION NUMBER: US/09/925,301
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PATENTI VOS: 1694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 68; DB 14; Length 593;
Pred. No. 0.0048;
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Sequence 6, Application US/10262473 Publication No. US20030199442A1 GENERAL INFORMATION:
                                                                                                                              APPLICANT: Alsobrock, John, APPLICANT: Burgess, Catherine, APPLICANT: Gorman, Linda, APPLICANT: Goo, Xiaojia, APPLICANT: Lipley, Denise, APPLICANT: Patturajan, Meera, APPLICANT: Rastelli, Luca,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          91.9%;
92.9%;
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
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US-09-925-301-1416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Homo sapiens
US-10-262-473-6
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RESULT 15

US-09-813-156-5

Squence 5, Application US/09813156

Patent No. US2002061859A1

GENERAL INFORMATION:

APPLICATI'S Series, Ginette

TILLE CNIT. Series, Ginette

TILLE CNIT. Series, OSCO-1018

FILE REFERENCE: 29996.488/P001-A

CURRENT PELLING DATE: 2001-03-21

PRIOR FILING DATE: 1997-12-16

PRIOR PLICATION NUMBER: 08/991,862

PRIOR PLICATION NUMBER: 08/991,862

PRIOR PLICATION NUMBER: 08/991,862

PRIOR PLICATION NUMBER: 08/991,862

PRIOR PLICATION NUMBER: 08/863,862

PRIOR PLICATION NUMBER: 08/863,862

PRIOR PLICATION NUMBER: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 5

LENGTH: 14

TYPE: PRT

ORGANISM: mouse granulin

PRATURE:

NAME/KEY: PEPTIDE

LOCATION: (1)...(14)

OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: immunoaffinity step.
594 AARGTKCLRREAPR 607
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Gaps ; 0 Query Match

71.6%; Score 53; DB 9; Length 14;
Best Local Similarity 75.0%; Pred. No. 0.041;
Matches 9; Conservative 2; Mismatches 1; Indels

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Search completed: March 26, 2004, 12:48:35 Job time : 31.4308 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM protein - protein search, using sw model	March 26, 2004, 12:27:45; Search time 42.3846 Seconds	117 307 Million on I modeted
earch, u	16, 2004	
protein se	March 2	
OM protein -	Run on:	

		residues
-6 POALKRDV 19	Gapext 0.5	261661801
US-09-824-647-6 98 1 EKAPAHLSLPDPQALKRDV 19	BLOSUM62 Gapop 10.0 , Gapext 0.5	1065169 seqs, 261661801 residues
Title: Perfect score: Sequence:	Scoring table:	Searched:

Total number of hits satisfying chosen parameters:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Database :

Published Applications AA:\*

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18: /cgn2\_6/ptodata/2/pubpaa/USO0\_NEW PUB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

Description	Sequence 6, Appli	Sequence 6, Appli		Seguence 6, Appli	Sequence 6, Appli				Sequence 17, Appl	Sequence 17, Appl	Sequence 17, Appl	Sequence 6, Appli	Sequence 17, Appl	Sequence 1416, Ap	Sequence 2, Appli
ΩI	US-09-813-156-6	US-09-824-807-6	US-09-824-647-6	US-10-218-509-6	US-10-281-160-6	US-10-321-587-6	US-09-813-156-17	US-09-824-807-17	US-09-824-647-17	US-10-218-509-17	US-10-281-160-17	US-10-262-473-6	US-10-321-587-17	US-09-925-301-1416	US-09-813-156-2
DB	σ	σ	σ	4	14	12	0	σ	σ	14	14	14	15	თ	g
* Query Match Length DB	19	19	19	19	19	19	593	593	593	593	593	593	593	621	589
% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	51.0
Score	86	98	98	98	86	98	98	98	98	98	86	98	96	98	50
Result No.	1	71	m	4	ß	ø	7	ω	σι	10	11	12	13	14	15

Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli	Sequence 2, Appli Sequence 2, Appli		Sequence	ednence	Sequence 22, Appl Sequence 3307, Ap	680	ednence	e 27,	quence 34773	ednence	equence	Sequence	equence	ednence 3	_	equence	equence	٠.,	•		
US-09-824-807-2 US-09-824-647-2 US-10-218-509-	4 US-10-281-160-2 5 US-10-321-587-2	4 US-10-369-493 4 US-10-029-386	US-19-364-64/-51 5 US-10-144-194A-96	US-10-412-699B	-144-1947  -369-493-	US-10-282-122A	US-10-369-493- US-10-208-948-	US-10-208-948-27	US-09-864-761-34773	S US-10-369-493-1569	-369-493	5 US-10-369-493-1533	US-08-973-363-1	-973-363-2	US-08-973-363-	US-09-813-156-	US-09-824-807	US-09-824-647-3	4 US-10-218-509	-10-281-160-	5 US-10-321-587-
58 58 58 60 60 60 60 60 60 60 60 60 60 60 60 60	0 0 0 0 0 0 0 0	116	828	917	2677	833	833 2115	2150	59	551	551	624	439	1434	1795	19	19	19	13	13	13
51.0 51.0 51.0	51.0	$> \sigma$	<b>πα</b> (	ထာဏ	4.0.4	9.			Ŋ		'n	S	n	45.4	Ŋ			44.9	4	44.9	44.9
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16 17 18	10 00 00 00 00	122	2.2.2	5 2 7 2 7 6	23	500	30 31	32	33	34	35	36	37	38	39	40	41	42	43	44	4.5

### ALIGNMENTS

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Sequence 6, Application US/09813156

patent No. US20020061859A1

patent No. US20020061859A1

GENERAL INFORMATION:

patent No. US20020061859A1

GENERAL INFORMATION:

TITLE OF INVENTION 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT FILING DATE: 2001-03-21

PRIOR APPLICATION NUMBER: US/09/813,156

CURRENT FILING DATE: 1997-12-16

PRIOR PAPLICATION NUMBER: 08/991,862

PRIOR PILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SEQ ID NO 6

LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAMP/KEY: PEPTIDE
LOCATION: (1)...(19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-813-156-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human granulin
JS-09-813-156-6
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Gaps ö Query Match
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels

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1 EKAPAHLSLPDPQALKRDV 19 EKAPAHLSLPDPQALKRDV 19

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RESULT 2 US-09-824-807-6

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APPLICANT: Seriero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996,486/P001-A
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT FILING DATE: 2002-08-15
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1999-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTION OF: 2.0
SEQ ID NO 6
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: (1)..(19)
OTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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                             US20030092661A1
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ORGANISM: Human granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human granulin
FEATURE:
NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-281-160-6
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Publication No. US2002018327041

GENERAL INFORMATION:

APPLICANT: Series of Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: Z5996.488/P001-A

CURRENT APPLICATION NUMBER: US/09/824,647

CURRENT FILING DATE: 2001-04-04

PRIOR PILING DATE: BARLIER FILING DATE: 1998-08-17

PRIOR PLING DATE: EARLIER FILING DATE: 1998-08-17

PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17

PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 6

LINGTH: 19
Sequence 6, Application US/09824807
Patent No. US20020094966A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFRENCE: 29996.488/P001-A
CURRENT PELING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 1997-12-16
PRIOR PLING DATE: 1997-12-16
PRIOR PLING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTING DATE: 1907-06-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTING DATE: PATENTING DAT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: PEPTIDE

CCATION: (1)...(19)

OTHER INFORMATION: Internal peptide of human GP88 used to develop

OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-807-6
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; OTHER INFORMATION: Internal peptide of human GP88 used to develop
; OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-824-647-6
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Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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100.0%; Score 98; DB 9; I
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0;
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ORGANISM: Human granulin
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US-09-824-647-6
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Sequence 6, Application US/10281160
| Sequence 6, Application US/10281160
| Publication No. US2003108950A1
| Publication No. US2003108950A1
| GENERAL INFORMATION:
| APPLICATION:
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TITLE OF INVENTION: 29996.488/P001-A
| CURRENT APPLICATION NUMBER: US/10/281,160
| CURRENT FILING DATE: 1998-08-17
| PRIOR APPLICATION NUMBER: US/08/991,862
| PRIOR FILING DATE: 1998-08-17
| PRIOR APPLICATION NUMBER: 08/863,862
| PRIOR FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SEQ ID NO 6
| LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: PEPTIDE LOCATION: 11..(19) OCTER INFORMATION: Internal peptide of human GP88 used to develop OCTER INFORMATION: Internal peptide of human GP88 monoclonal antibody.
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100.0%; Score 98; DB 14; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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US-10-321-587-6
; Sequence 6, Application US/10321587
; Publication No. US20030215445A1
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US-10-218-509-6; Sequence 6, Application US/10218509

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LENGTH:

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US-09-824-647-17
US-09-824-647-17
US-09-824-647-17
Sequence 17, Application US/09824647
Publication No. US2002018327041
GENERAL INFORMATION:
APPLICANT: Serrero Ginette
TILE REPERENCE: Z9996-488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,647
CURRENT FILING DATE: 2001-04-04
PRIOR PILING DATE: BARLIER FILING DATE: 1998-08-17
PRIOR PILING DATE: BARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATCHTIN VOY. 2.0
SOFTWARE: PATCHTIN VOY. 2.0
SEQ ID NO 17
LENGTH: 593
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NS-10-218-509-17

Sequence 17, Application US/10218509

Publication No. US20030092661A1

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

ITILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

CURRENT APPLICATION NUMBER: US/10/218,509

CURRENT PAPLICATION NUMBER: US/991,862

PRIOR FILING DATE: 1998-08-17

PRIOR PILING DATE: 1998-08-17

PRIOR PILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PARCHIN Ver. 2.0

SEQ ID NO 17

LENGTH: 593
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100.0%; Score 99; DB 9; I
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1.9e-06;
ative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FLING DATE: 1997-12-16
PRIOR PAPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE PATENTIN Ver. 2.0
SEQ ID NO 17
LENGTH: 593
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Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                                                      TYPE: PRT ORGANISM: Human GP88 CDNA US-09-824-807-17
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US-09-824-647-17
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ORGANISM: Human GP88 cDNA
US-10-218-509-17
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APPLICANT: Serrero, Ginette
TILLE OF INVENTION: 88 KDA THOORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILLE OF INVENTION: 88 KDA THOORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILLE OF INVENTION: 29996-488 PD01-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT APPLICATION NUMBER: US/09/862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PELING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NOS: 17
SEQ ID NO 17
LENGTH: 593
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NAME/KEY: PEPTIDE
COCATION: (1)...(19)
COCATION: Internal peptide of human GP88 used to develop
COTHER INFORMATION: Internalizing anti-human GP88 monoclonal antibody.
US-10-321-587-6
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Betent No. US2002094966A1
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENSE: 29964.48/P01.-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 2001-04-04
                   APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996-488/P001-A
CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT PILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US/08/991,862
RIOR PRIOR PILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 6
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Best Local Similarity 100.0
Matches 19, Conservative
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Best Local Similarity 100.
Matches 19; Conservative
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; ORGANISM: Human GP88 cDNA
US-09-813-156-17
                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Human granulin
        GENERAL INFORMATION:
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US-09-824-807-17
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US-09-813-156-17
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US-10-321-587-17
US-10-321-587-17
Sequence 17. Application US/10321587
Publication No. US20030215445al
Publication No. US20030215445al
GENERAL INFORMATION:
APPLICAMT: SETENCE.
TITLE OF INVENTION OF EACH TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CUTRENT FILING DATE: 20996.488/P001-A
CUTRENT FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR PLING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 17
LENGTH: 593
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Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                    Query Match
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0; Indels (
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TILLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERSENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR PILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1416
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; Sequence 1446, Application US/09925301
Patent No. US20020052308A1
; GENERAL INFORMATION:
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US-09-925-301-1416
                              ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-473-6
LENGTH: 593
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Sequence 6, Application US/10262473

Publication No. US2030199442A1

Sequence 6, Application US/10262473

Publication No. US2030199442A1

APPLICANT: Alsobrook, John,

APPLICANT: Burgess, Catherine,

APPLICANT: Gorman, Linda,

APPLICANT: Radia,

APPLICANT: Required, Denise,

APPLICANT: Radia,

APPLICANT: Spytek, Ximberly,

APPLICANT: Spytek, Sp
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Publication No. US20030108950A1

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

TITLE OF INVENTION:

REPLICANT: 29996.488/P001-A

CURRENT PILING DATE: 29996.488/P001-A

CURRENT FILING DATE: 1099-08-17

PRIOR FILING DATE: 1999-08-17

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH: 593
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Best Local Similarity 100.0%; Score 98; DB 14; Length 593;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0; Indels 0
                              Query Match
100.0%; Score 98; DB 14; Length 593;
Best Local Similarity 100.0%; Pred. No. 1.9e-06;
Matches 19; Conservative 0; Mismatches 0; Indels 0
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US-10-281-160-17
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Db 374 EKAPAHLSLPDPQALKRDV 392

US-09-813-156-2
US-09-813-156-2

Sequence 2. Application US/09813156

Patent No. US20020061859A1

GENERAL INFORMATION:

APPLICANT: Serrero Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

CURRENT APPLICATION NUMBER: US/09/813,156

CURRENT FILING DATE: 1997-03-112-16

PRIOR APPLICATION NUMBER: 08/863,862

PRIOR APPLICATION NUMBER: 08/863,862

PRIOR PELING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATENT OF SEQ ID VOS: 17

SEQ ID NO 2

LENGTH: 589

TYPE: PRT

CRGANISM: Mouse epithelin/granulin

US-09-813-156-2
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Search completed: March 26, 2004, 12:48:35 Job time : 43.5846 secs

1 EKAPAHLSIPDPQALKED 18 :| | | | | | | | | 344 KKVIAPLRLPDPQILKSD 361

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Query Match S1.0%; Score 50; DB 9; Length 589; Best Local Similarity 61.1%; Pred. No. 35; Matches 11; Conservative 1; Mismatches 6; Indels

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March 26, 2004, 12:27:45; Search time 31.2308 Seconds (without alignments) 117.297 Million cell updates/sec
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2: /cgn2_6/ptodata/2/pubpaa/PCT_NBW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/PCT_NBW_PUB.pep:*
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GenCore version 5.1.6
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Maximum Match 100%
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Description	Sequence 5, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 5, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 6, Appli	Sequence 1416, Ap	Sequence 7, Appli
QI	US-09-813-156-5	US-09-824-807-5	US-09-824-647-5	US-10-218-509-5	US-10-281-160-5	US-10-321-587-5	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-10-262-473-6	US-09-925-301-1416	US-09-813-156-7
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Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli	Sequence 7, Appl Sequence 17, Appl Sequence 17, Appl Sequence 17, Appl	0 0 0 0		44644	15, 16, 72, 16,	72, 16, 72, 16,
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## ALIGNMENTS

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Sequence 5. Application US/09813156

Sequence 5. Application US/09813156

Sequence 5. Application US/09813156

Sequence 5. Application US/09813156

Sequence 5. Application US/020206185941

GENERAL INFORMATION:

APPLICATI Server, Ginette

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS

TILE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: 1997-12-16

PRIOR PRIOR APPLICATION NUMBER: 08/991,862

PRIOR PRIING DATE: 1997-12-16

PRIOR PRIING DATE: 1997-12-16

PRIOR FILING DATE: 1997-12-16

PRIOR PRIOR PRIOR OF SEQ ID NOS: 17

SOOTWARE: PatentIn Ver. 2.0

SEQ ID NO 5

LENGTH: 14

TYPE: PRT

COGANISM: mouse granulin

FATURE: PRT

COGANISM: mouse granulin

FATURE: NEWARTION: Internal peptide of mouse GP88 used in the OTHER INFORMATION: immunoaffinity step.

US-09-813-156-5

US-09-813-156-5

OUHEN INFORMATION: immunoaffinity step.

US-09-813-156-5

OUHEN INFORMATION: immunoaffinity step.

US-09-813-156-5

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps
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RESULT 2

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US-10-281-160-5
US-10-281-160-5
US-10-281-160-5
Sequence 5. Application US/10281160
Sequence 5. Application No. US20030108950A1
GENERAL INFORMATION:
APPLICANT: Serrero
TITLE OF INVENTION:
CURRENT APPLICANT: S996-488 F/P001-A
FILE REFERENCE: 29996-488 F/P001-A
CURRENT APPLICATION NUMBER: US/10/281,160
CURRENT FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5.
LENGTH: 14
                          NEGROUP SET APPLICATION US/10218509
| Sequence 5. Application US/10218509
| Sequence 5. Application No. US20030092661A1
| Publication No. US20030092661A1
| SETECO. Ginette
| TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILLE OF INVENTION: 2996-488/P001-A
| CURRENT PILLING DATF: 2002-08-15
| PRIOR APPLICATION NUMBER: 08/991, 862
| PRIOR APPLICATION NUMBER: 08/991, 862
| PRIOR FILING DATE: 1994-06-23
| NUMBER OF SEQ ID NOS: 17
| SEQ ID NOS: 17
| SEQ ID NO 5
| LENGTH: 14
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CTHER INFORMATION: Internal peptide of mouse GP88 used to raise the CTHER INFORMATION: antisera against the GP88 used in the GP88 USEN INFORMATION: immunoaffinity step.
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1.0CATION: (1)...(14)
7.0THER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
US-10-281-160-5
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100.0%; Score 73; DB 14;
Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: mouse granulin FEATURE: NAME/KSY: PEPTIDE LOCATION: (1)..(14)
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ORGANISM: mouse granulin
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US-08-824-648-6
US-08-824-648-6
US-08-824-6
US-08-824
US-09-824-807-5
; Sequence 5, Application US/09824807
; Patent No. USZ0020094966A1
; GENERAL INFORMATION:
    APPLICANT: Serrero, Ginette
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REPERENCE: 29996.488/P001-A
; CURRENT APPLICATION NUMBER: US/09/824,807
; CURRENT APPLICATION NUMBER: 08/991.862
; PRIOR PILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 5: 17
; SEQ ID NO 5: 17
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OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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Dest Local Similarity 100.0%; Pred. No. 6.9e-06;

Batches 14; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 6.9e-06;
Matches 14; Conservative 0; Mismatches 0;
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US-09-824-807-5

ORGANISM: mouse granulin

TYPE: PRT

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ORGANISM: mouse granulin

NAME/KEY: PEPTIDE LOCATION: (1)..(1)

US-09-824-647-5

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Gaps

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Sequence 2, Application US/09824647

Publication No. US2020183270A1

GENERAL INFORMATION:
APPLICANT SETTERO, GINETE
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: US/09/824,647

CURRENT FILING DATE: BALLIER FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: EALLIER APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: BALLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17

SOFTWARE: PALENT Ver. 2.0

SEQ ID NO 2

LENGTH: 589
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9996.488/P001.A
CURRENT APPLICATION NUMBER: US/10/218,509
CURRENT FILING DATE: 2002-08-15
PRIOR PLING DATE: 1998-08-17
PRIOR PLING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: 1998-08-17
APPLICANT: Server, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS
FILE REFERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,807
CURRENT FILING DATE: 2001-04-04
RIOR APPLICATION NUMBER: 08/991,862
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-12-16
PRIOR PILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOPTWARR: Patentin Ver: 2.0
SEQ ID NO : 2.0
LENGTH: 589
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                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 73; DB 9; Length 589; 100.0%; Pred. No. 0.00027;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                      TYPE: PRT / ORGANISM: Mouse epithelin/granulin US-09-824-807-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-09-824-647-2
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Best Local Similarity 100.
Matches 14; Conservative
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Best Local Similarity 100.
Matches 14; Conservative
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NUMBER OF SEQ ID NOS: 17
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                                              Sequence 5, Application US/10321587

Publication No. US20030215445A1

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996-488/P001-A

CURRENT APPLICATION NUMBER: US/10/321,587

CURRENT FILING DATE: 2002-12-18

PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)...(14)
CTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the CTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INC. 02.0220000015711
APPLICANT: Serrero, Ginette
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 25996.486 PP001-A
CURRENT PILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NOS: 17
SEQ ID NOS: 17
TENCH. 600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 73; DB 15; Length 14; Pred. No. 6.9e-06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/09813156 Patent No. US20020061859A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%;
Matches 14; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 SARGTKCLRKKIPR 14
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 589
TYPE: PRT
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US-09-824-807-2
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                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 5
LENGTH: 14
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562 SARGTKCLRKKIPR 575

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SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 2 LENGTH: 589

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-262-473-6
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; ORGANISM: Homo sapiens
US-09-925-301-1416
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US-09-925-301-1416
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SUBJICATION O. US20030108950A1

GENERAL INFORMATION:

APPLICATION

TITLE OF INVENTION 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/08/991,862

PRIOR PILING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE PATENTIN Ver. 2.0

SOFTWARE: PATENTIN Ver. 2.0

LENGTH: 589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serieto, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE REPERBACE: 2996. 488 FD01.4
CURRENT APPLICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2002.12.18
PRIOR PILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR PILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARR: Patentin Ver. 2.0
ENGTH: 589
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Local Similarity 100.0%; Score 73; DB 14; Length 589;
Local Similarity 100.0%; Pred. No. 0.00027;
hes 14; Conservative 0; Mismatches no. Tanana
                                                                                  Query Match
Best Local Similarity 100.0%; Score 73; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.00027;
Matches 14; Conservative 0; Mismatches 0; Indels
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; ORGANISM: Mouse epithelin/granulin
US-10-321-587-2
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; ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-10-218-509-2
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US-10-321-587-2
Sequence 2, Application US/10321587
Sequence 2, Application US/10321587
Publication No. US20030215445A1
GENERAL INFORMATION:
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Matches 14; Conservative
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Matches
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APPLICANT: Rastelli, Luca,
APPLICANT: Resper, Daniel,
APPLICANT: Speck, Kimberly,
APPLICANT: Spytek, Kimberly,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHON
FILE REPERENCE: 14402-462B
CURRENT APPLICATION NUMBER: US/10/262,473
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APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REPERENCE: PA106
CURRENT PEPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR APPLICATION NUMBER: 601.04-20
PRIOR APPLICATION NUMBER: 601.24,270
PRIOR FILING DATE: 1999-03-12
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Pred. No. (
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/327,917
PRIOR APPLICATION NUMBER: 60/329,029
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR PILING DATE: 2001-10-09
PRIOR PILING DATE: 2001-10-09
PRIOR PAPPLICATION NUMBER: 60/349,575
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR APPLICATION NUMBER: 60/349,675
PRIOR APPLICATION NUMBER: 60/349,675
PRIOR PILING DATE: 2001-10-29
PRIOR FILING DATE: 2002-05-16
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; Patent No. US20020052308A1
Sequence 6, Application US/10262473 Publication No. US20030199442A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 22
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 6
LENGTH: 593
                                                                                 APPLICANT: Alsobrook, John,
APPLICANT: Burgess, Catherine,
APPLICANT: Gornan, Linda,
APPLICANT: Guo, Xiaojia,
APPLICANT: Lepley, Denise,
APPLICANT: Patturajan, Meera,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           79.5%;
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Best Local Similarity 71.4<sup>3</sup>
Matches 10; Conservative
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US-09-833-156-7
; Sequence 7. Application US/09813156
; Patent No. US2002061859A1
; GENERAL INFORMATION:
; APPLICANT: Serrer, dimette
; APPLICANT: Serrer, dimette
; TILE OF INVENTION: 68 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REFERENCE: Z9996.488/P001-A
; CURRENT FILING DATE: 2001-03-21
; PRIOR FILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENTH: 14
                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Human granulin ORGANISM: Human granulin FRATURE: PRATURE: NAME/KEY: PEPTIDE DOCATION: (1)...(14) OTHER INFORMATION: Internal peptide of human GP88 used to develop OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody US-09-813-156-7
                                                     .
0
Query Match 79.5%; Score 58; DB 9; Length 621; Best Local Similarity 71.4%; Pred. No. 0.12; Matches 10; Conservative 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 72.6%; Score 53; DB 9; Length 14; Best Local Similarity 75.0%; Pred. No. 0.021; Matches 9; Conservative 2; Mismatches 1; Indels
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                                                                                                  1 SARGIKCLRKKIPR 14
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Search completed: March 26, 2004, 12:48:34 Job time : 31.4308 secs

3 RGTKCLRREAPR 14

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March 26, 2004, 12:27:45; Search time 26.7692 Seconds (without alignments) 117.297 Million cell updates/sec
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| cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/PCT New PUB.pep:*
| cgn2_6/ptodata/2/pubpaa/PCT New PUB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
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| cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB.pep:*
| cgn2_6/ptodata/2/pubpaa/USO0_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                       OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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69
1 PDAKTQCPDDST 12
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Searched:
                                                                                                                                                                                                                                                    Run on:
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### SUMMARIES

	Description	Sequence 4, Appli	Seguence 2, Appli	Seguence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Seguence 2, Appli	Sequence 17, Appl	Sequence 17, Appl	Sequence 17, Appl					
	QI	US-09-813-156-4	US-09-824-807-4	US-09-824-647-4	US-10-218-509-4	US-10-281-160-4	US-10-321-587-4	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-09-813-156-17	US-09-824-807-17	US-09-824-647-17
	DB	, i o	თ	σ	14	14	15	σ	σ	σ	14	14	15	σ	0	6
	* Query Match Length DB	12	12	12	12	12	12	589	589	589	589	589	589	593	593	593
•	% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	73.9	73.9	73.9
	Score	69	69	69	69	69	69			69	69	69	69	51	51	51
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RESULT 2

Sequence 17, Appl	17	Sequence 6, Appli	Sequence 17, Appl	Sequence 1416, Ap	Sequence 19208, A	Sequence 8, Appli	Sequence 5246, Ap	Sequence 61669, A	Sequence 44137, A	Sequence 176853,	Sequence 129, App	Sequence 2115, Ap	Sequence 17066, A	Sequence 54008, A	Sequence 6817, Ap	Sequence 169801,	Sequence 231113,	Sequence 130, App	Sequence 46784, A	Sequence 37818, A	Sequence 33414, A	Sequence 186411,	Seguence 51428, A	Sequence 61149, A	Sequence 2307, Ap	Sequence 13, Appl	Sequence 10419, A	Sequence 145, App	145,
US-10-218-509-17	. US-10-281-160-17	. US-10-262-473-6	: US-10-321-587-17	US-09-925-301-1416	: US-10-369-493-19208	US-10-262-473-8	US-10-369-493-5246	US-10-282-122A-61669	US-09-864-761-44137	2 US-10-424-599-176853	US-09-789-561-129	. US-09-833-245-2115	S US-10-369-493-17066	2 US-10-425-114-54008	S US-10-369-493-6817	US-10-424-599-169801	US-10-424-599-231113	S US-10-393-840-130	3 US-10-425-114-46784	US-09-864-761-37818	US-10-029-386-33414	2 US-10-424-599-186411	2 US-10-425-114-51428	US-10-282-122A-61149	S US-10-104-047-2307	S US-10-168-659-13	S US-10-369-493-10419	1 US-10-133-128-145	1 US-10-289-660-145
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## ALIGNMENTS

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Sequence 4, Application US/09813156;
Patent No. US20020061859A1;
GENERAL INFORMATION:
PAPLICANT: Serrero, Ginette
TITLE OF INVENION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT PRILIG DATE: 2091-21
PRIOR APPLICATION NUMBER: US/09/013,156
CURRENT FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTHARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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NAME/KEY: PEPTIDE
LOCATION: (1)..(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antiser a against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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-09-813-156-4
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Sequence 4, Application US/10281160
; Sequence 4, Application US/10281160
; Publication No. US20030108950A1
; GENERAL INFORMATION:
    APPLICANT: Serrero, Ginette
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REPERENCE: 29996.488/P001-A
; CURRENT FILING DATE: 2002-10-28
; PRIOR PAPLICATION NUMBER: US/08/991,862
; PRIOR PAPLICATION NUMBER: 08/863,862
; RIOR APPLICATION NUMBER: 08/863,862
; RIOR APPLICATION NUMBER: 08/863,862
; RIOR APPLICATION NUMBER: 08/863,862
; RIOR PELING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SCOTION O 4
; SEQ ID NO 4
; LINGTH: 12
     Sequence 4, Application US/10218509;
Publication No. US20030092661A1
GENERAL INFORMATION:
APPLICANT: SETTER OF GINETE
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TILE REFERENCE: 29996.488/2001-A
CURRENT FILING DATE: 10998-08-15
PRIOR PILING DATE: 1998-08-17
PRIOR PILING DATE: 1998-08-17
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN US: 2.0
SOFTWARE: PATENTIN US: 2.0
SEQ ID NO 4
LENGTH: 12
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LOCATION: (1)..(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: (1)...(12)
THER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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100.0%; Score 69; DB 14; Length 12;
Best Local Similarity 100.0%; Pred. No. 9.2e-05;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 9.2e-05;
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Best Local Similarity 100.0%;
Matches 12; Conservative 0
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FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(12)
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; Sequence 4, Application US/09824647
; Sequence 4, Application US/09824647
; Publication No. US20020183270A1
; Publication No. US20020183270A1
; Publication No. 18 KDA TUNORING NO. 18 KDA TUNORING NO. 18 KDA TUNORING NO. 18 KDA TUNORING NO. 19 FILLS REFRENCE: 29996,489/R001.A
; CURRENT APPLICATION NUMBER: US/09/824,647
; CURRENT APPLICATION NUMBER: BALLIER APPLICATION NUMBER: 08/991,862
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-08-17
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SEQTIANE: Patentin Ver. 2.0
; SEQ ID NO 4;
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                                                                    APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001.A
FILE REPERENCE: 2009-6.486/P001.A
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER: OF SEQ ID NOS: 17
SOFTWARE: Petentin Ver. 2.0
SEQ ID NO 4
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
NAME/KEY: DEPTIDE
LOCATION: (1)..(12).
CTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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TOTAR INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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100.0%; Pred. No. 9.2e-05;
tive 0; Mismatches 0; Indels
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llarity 100.0%; Pred. No. 9.2e-05;
Conservative 0; Mismatches 0;
Sequence 4, Application US/09824807
Patent No. US20020094966A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
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Best Local Similarity
Matches 12; Conserv
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GENERAL INFORMATION:
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                          MS-10-321-587-4

Sequence 4, Application US/10321587

Sequence 6, Application US/10321587

Publication NO. US20030215445A1

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTANION: 8 KEA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-A
CURRENT FILING DATE: 2002-12-18

PRIOR FILING DATE: 2002-12-18

PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PATENTIN Ver. 2.0

LENGTH: 12
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i OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the CHER INFORMATION: antisera against the GP88 used in the cother INFORMATION: immunoaffinity step.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09813156
Patent No. US20020061859A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 2, Application US/09824807; Patent No. US20020094966A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             208 PDAKTQCPDDST 219
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ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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LENGTH: 589
TYPE: PRT
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US-09-813-156-2
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### FFILCANT; SERVICE: G. GIACA TURRELGANT GROWTH FACTOR AND ANTAGONISTS FILE METERRENCE: 23994 6498 2014.

FILE METERRENCE: 23994 6489 2014.

GUNERAY FELLENTING NAMES: 0500/4404

FOURTH APELICATION NAMES: 05601,0401.

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FRICA PRIZOR DITES. 1397-06-23

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1 PDAKTQCPDDST 12
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| Publication No. US20030108950A1
| GRUERAL INFORMATION:
| GRUERAL INFORMATION:
| APPLICANT: SETTETO, GIAETE
| TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REFRENCE: Z9996.488/P001.486
| FILE REFRENCE: Z9996.488/P001.486
| FILE REPRENCE: 19996.488/P001.486
| FRIOR APPLICATION NUMBER: US/10/281,160
| FRIOR APPLICATION NUMBER: US/10/991,862
| FRIOR APPLICATION NUMBER: US/88/991,862
| FRIOR APPLICATION UMBER: US/88/991,862
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TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS CURRENT PELICATION NUMBER: US/10/321,587
CURRENT FILING DATE: 2002-12-18
PRIOR FILING DATE: V002-91,862
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
LENGTH: 589
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100.0%; Score 69; DB 15; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0053;
Matches 12; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                   Query Match

100.0%; Score 69; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0053;
Matches 12; Conservative 0; Mismatches 0; Indels 0
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100.0%; Score 69; DB 14; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0053;
Matches 12; Conservative 0; Mismatches 0; Indels (
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; ORGANISM: Mouse epithelin/granulin
US-10-321-587-2
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US-10-281-160-2
                                                                                                                 ; ORGANISM: Mouse epithelin/granulin
US-10-218-509-2
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
                                                                                                                                                                                                                                                                                                                                                                            208 PDAKTOCPDDST 219
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ID NO 2
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US-10-321-587-2
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                                                                                    TYPE: PRT
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Fatent No. US20020061859A1

GENERAL INFORMATION:
FATENCE INVENTION:
FILE REFERENCE: 2996.488/P001-A

CURRENT PILING DATE: 2991-2.21

FRICE REFERENCE: 2010-0.2.21

FRICE REFERENCE: 2996.488/P001-A

CURRENT FILING DATE: 2011-0.2.21

FRIOR APPLICATION NUMBER: 08/991,862

FRIOR APPLICATION NUMBER: 08/991,862

FRIOR APPLICATION NUMBER: 08/991,862

FRIOR PILING DATE: 1997-12-16

FRIOR PILING DATE: 1997-12-16

FRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 29996.488/P001-04-04
CURRENT FILING DATE: 2001-04-04
PRIOR PPLICATION NUMBER: 05/991,862
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR PLING DATE: 1997-12-16
PRIOR PLING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1D NOS: 17
LINGUIL S93
TYPE: PRI
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Pred. No. 4.6;
3; Mismatches 1; Indels
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73.9%; Score 51; DB 9; Length 593;
Best Local Similarity 66.7%; Pred. No. 4.6;
Matches 8; Conservative 3; Mismatches 1; Indels
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Sequence 17, Application US/09824807

Fatent No. US20020094966A1

GENERAL INFORMATION:
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Best Local Similarity 66.7%;
Matches 8; Conservative
208 PDAKTOCPDDST 219
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                                                                                   RESULT 13
US-09-813-156-17
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; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; FILE REFERENCE: Z9996.488/P001.A
; CURRENT APPLICATION NUMBER: US/09/824,647
; CURRENT FILING DATE: 2001-04-04
; PRIOR PILING DATE: BARLIER FILING DATE: 1998-08-17
; PRIOR FILING DATE: BARLIER FILING DATE: 1998-08-17
; PRIOR FILING DATE: BARLIER FILING DATE: 1997-05-23
; NUMBER: OF SEQ ID NOS: 17
; SOFTWARE: PALENTIN Ver. 2.0
; SEQ ID NO 17
; LENGTH: 593
; TYPE: PRT
; ORGANISM: Human GP88 CDNA
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Search completed: March 26, 2004, 12:48:34 Job time : 27.9692 secs

1 PDAKTQCPDDST 12 |||::||| || 209 PDARSRCPDGST 220

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Query Match 73.9%; Score 51; DB 9; Length 593; Best Local Similarity 66.7%; Pred. No. 4.6; Matches 8; Conservative 3; Mismatches 1; Indels

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March 26, 2004, 12:27:45; Search time 42.3846 Seconds (without alignments) 117.297 Million cell updates/sec
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2: \cgn2_6/ptodata/2/pubpaa/PUSO7_PUBCOMB.pep:*
3: \cgn2_6/ptodata/2/pubpaa/PUSO6_NEW PUB.pep:*
4: \cgn2_6/ptodata/2/pubpaa/USO6_NEW PUB.pep:*
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7: \cgn2_6/ptodata/2/pubpaa/PUSOMB.pep:*
8: \cgn2_6/ptodata/2/pubpaa/USO8_NEW PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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Maximum Match 100%
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Maximum DB seq length: 2000000000
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Description		Sequence 3, Appli	Sequence 3, Appli	_	Sequence 3, Appli	Sequence 3, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Seguence 2, Appli	Sequence 2, Appli	Sequence 11, Appl	Sequence 60601, A	Sequence 1, Appli
QΙ	US-09-813-156-3	US-09-824-807-3	US-09-824-647-3	US-10-218-509-3	US-10-281-160-3	US-10-321-587-3	US-09-813-156-2	US-09-824-807-2	US-09-824-647-2	US-10-218-509-2	US-10-281-160-2	US-10-321-587-2	US-09-800-971-11	US-10-425-114-60601	US-10-226-844-1
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Score	96	96	96	96	96	96	89	89	89	89	89	89	47	47	46
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Sequence 5 Sequence 5 equence 6,	Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli	17,	44644	Sequence 1416, Ap Sequence 1416, Ap Sequence 58733, A Sequence 59562, A Sequence 70140, A Sequence 65495, A	0 7126 0 21 84 0 6 4, A	Sequence 8, Appl1 Sequence 8, Appli Sequence 31, Appl
4 US-10-210-951 4 US-10-211-884 US-09-813-156- US-09-824-807-	US-09- 4 US-10 4 US-10 5 US-10	4 US-10-156-761-1 US-09-813-156-17 US-09-824-807-17 US-09-824-647-17	US-10-218-509-17 US-10-281-160-17 US-10-262-473-6 US-10-321-587-17	US-10-369-493-375 US-09-925-301-1416 US-10-425-114-587 US-10-425-114-595 US-10-425-114-701 US-10-425-114-701	0-425-114-7126 0-369-493-2184 9-849-138-2 9-849-138-4 9-849-138-6	9 US-09-797-039-8 10 US-09-849-138-8 10 US-09-849-138-31
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US-10-281-160-3
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Sequence 3. Application US/09824807

Patent No. US20020094966A1

GENERAL INFORMATION:

APPLICANT Serrero, Ginette

TITLE OF INVENTION 88 KDA TUMORICENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/09/824,807

CURRENT FILING DATE: 1997-12-16

PRIOR PILING DATE: 1997-12-16

PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 3

LENGTH; 199
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TITLE OF INVENTION: 88 KDA TUMORICENIC GROWTH FACTOR AND ANTACONISTS
TITLE OF INVENTION: 88 KDA TUMORICENIC GROWTH FACTOR AND ANTACONISTS
FILE REPERBACE: 29996 488/P001-A
CURRENT APPLICATION NUMBER: US/09/824,647
PRIOR PILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR PILING DATE: EARLIER FILING DATE: 1998-08-17
PRIOR PILING DATE: EARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 3
LENGTH: 19
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COTHER INFORMATION: Internal peptide of mouse GPB8 used to raise the OTHER INFORMATION: antisera against the GPB8 used in the COTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: PEPTIDE
LOCATION: (1)..(19)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
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Best Local Similarity 100.0%; Pred. No. 5e-00;
Matches 19; Conservative 0; Mismatches 0; Indels
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100.0%; Score 96; DB 9; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/09824647 Publication No. US20020183270A1 GENERAL INFORMATION:
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TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29964-488 (1901-4)
CURRENT APPLICATION NUMBER: US/10/281,160
CURRENT FILING DATE: 2002-10-28
PRIOR APPLICATION NUMBER: US/08/991,862
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
                                                                           GENERAL INFOCUELATION.

APPLICANT: SETECT.

GENERAL INFOCUENCE: C3996.488/P001.A

FILE REPERENCE: 2996.488/P001.A

CURRENT APPLICATION NUMBER: US/10/218,509

CURRENT FILING DATE: 2002-08-15

PRIOR PLLING DATE: 1998-08.

PRIOR PLLING DATE: 1998-08.

PRIOR FILING DATE: 1998-08.

PRIOR FILING DATE: 1997-05-23

NUMBER: OF SEQ ID NOS: 17

SOFTWARE: Retentin Ver. 2.0

SEQ ID NO 3

LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: PEPTIDE
LOCATION: (1)...(19)
CTHER INPORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the COTHER INFORMATION: immunoaffinity step.
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Best Local Similarity 100.0%; Score 96; DB 14; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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; CTHER INFORMATION: Internal peptide of mouse GP88 used to
; CTHER INFORMATION: antisera against the GP88 used in the
; OTHER INFORMATION: immunoaffinity step.
US-10-281-160-3
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Sequence 3, Application US/10218509 Publication No. US20030092661A1 GENERAL INFORMATION:
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TYPE: PRT
ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: mouse granulin FEATURE:
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URS-09-824-647-2

| Sequence 2, Application US/09824647|
| Sequence 2, Application No. US2020183270A1 |
| Publication No. US2020183270A1 |
| Publication No. US2020183270A1 |
| APPLICANT: Serreacy Ginette |
| TITLE OF INVENTYON: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS |
| FILE REFERENCE: Z996.488/P001-A |
| CURRENT APPLICATION NUMBER: US/09/824,647 |
| CURRENT FILING DATE: 2001-04-04 |
| PRIOR FILING DATE: EARLIER PILING DATE: 1998-08-17 |
| PRIOR PLING DATE: EARLIER PILING DATE: 1997-05-23 |
| NUMBER OF SEQ ID NOS: 17 |
| SOFTWARE: Patentin Ver. 2.0 |
| SEQ ID NO 2 |
| LINGTH: EARLIER PILING DATE: LABOR EARLIER PILING EARLIER PILING DATE: LABOR EARLIER PILING EARLIER PILING EARLIER PILING DATE: LABOR EARLIER PILING EARLIER EARLIER PILING EARLIER EARLIER PILING EARLIER EARLIER PILING EARLIER EARLIER EARLIER EARLIER PILING EARLIER E
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITE OF INVENTION: 88 YOUNGED GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT FILING DATE: 2001-04-04
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 08/991.862
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 2
LENGTH: 589
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) Sequence 2, Application US/10218509
) Fublication No. US20030092661A1
) GENERAL INFORMATION:
) APPLICATION:
) APPLICANTION:
) APPLICANTON:
) TITLE OF INVENTION:
) CURRENT APPLICATION NUMBER: US/10/218,509

CURRENT APPLICATION NUMBER: 08/991,862
) PRIOR PILING DATE: 1998-08-17
) PRIOR PILING DATE: 1998-08-17
) PRIOR PILING DATE: 1998-08-17
) PRIOR FILING DATE: 1998-08-17
) PRIOR FILING DATE: 1998-08-17
) NUMBER OF SEQ ID NOS: 17
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92.7%; Score 89; DB 9; I
Best Local Similarity 94.7%; Pred. No. 2.1e-05;
Matches 18; Conservative 0; Mismatches 1;
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Pred. No. 2.1e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    y Match 92.7%; Score 89; DB Local Similarity 94.7%; Pred. No. 2.16 nes 18; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Mouse epithelin/granulin US-09-824-807-2
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Matches
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| Patent No. US20020061859A1 |
| GENERAL INFORMATION: |
| APPLICANT: Servero, |
| TITLE OF INVENTION: |
| APPLICANT: Servero, |
| TITLE OF INVENTION: |
| GINERAL INVENTION: |
| APPLICANT: Servero, |
| TITLE OF INVENTION: |
| WIGHER OF INVENTION: |
| WAS TO APPLICATION NUMBER: |
| PRIOR PELICATION NUMBER: | 08/091, 862 |
| PRIOR PELICATION NUMBER: | 08/991, 862 |
| PRIOR PILING DATE: | 1997-12-16 |
| PRIOR PILING DATE: | 1997-12-16 |
| PRIOR PILING DATE: | 1997-05-23 |
| NUMBER OF SEQ ID NOS: | 17 |
| SOFTWARE: PATENTIN VOR: 2.0 |
| SEQ ID NO 2 |
| LENGTH: S89 |
| TYPE: PRI |

                                                                                                                                           Sequence 3, Application US/10321587;
Publication No. US20030215445A1
Genemea InfoRMATION:
GENERAL INFORMATION:
APPLICANT SETENCY Ginete
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996 488/P001-A
CURRENT FILING DATE: 2020-12-18
PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17
PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23
NUMBER OF SEC ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
: SEC ID NO 3
LENGTH: 19
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CTHER INFORMATION: Internal peptide of mouse GPB8 used to raise the OTHER INFORMATION: antisera against the GPB8 used in the CTHER INFORMATION: immunoaffinity step.
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100.0%; Score 96; DB 15; Length 19;
Best Local Similarity 100.0%; Pred. No. 5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 2, Application US/09824807; Patent No. US20020094966A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: mouse granulin FEATURE:
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US-10-425-114-60601
                                                                                                  RESULT 13
US-09-800-971-11
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Sequence 2, Application US/10321587

Sequence 2, Application US/10321587

Sequence 2, Application No. US20030215445A1

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette

TITLE OF INVENTYON: 88 KAD TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFRENCE: 29996.488/P010.1-A

CURRENT APPLICATION NUMBER: US/10/321,587

CURRENT APPLICATION NUMBER: US/00/991,862

PRIOR FILING DATE: PRIOR FILING DATE: 1998-08-17

PRIOR FILING DATE: PRIOR FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

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TYPE: PRI
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; Sequence 2, Application US/10281160
; Publication No. US20030108950A1
; GENERAL INFORMATION:
    APPLICANT: Serrero, Ginette
; TITLE OF INVENTION: B8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; TITLE OF INVENTION: 29966.488/PO10-A
; CURRENT APPLICATION NUMBER: US/10/281,160
; PRIOR PELICATION NUMBER: US/02-0-6
; PRIOR FILING DATE: 1998-08-17
; PRIOR FILING DATE: 1998-08-17
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 17
; SEQ ID NO 2
; SEQ ID NO 2
; LENGTH: 589
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92.7%; Score 89; DB 14;
Best Local Similarity 94.7%; Pred. No. 2.1e-05;
Matches 18; Conservative 0; Mismatches 1.
                                                                                                                                                   Query Match
92.7%; Score 89; DB 14;
Best Local Similarity 94.7%; Pred. No. 2.1e-05;
Matches 18; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT; ORGANISM: Mouse epithelin/granulin
US-10-281-160-2
                                                                                      ) ORGANISM: Mouse epithelin/granulin US-10-218-509-2
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SOFTWARE: Patentin Ver. 2.
                      SEQ ID NO 2
LENGTH: 589
                                                                       TYPE: PRT
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Sequence 66001, Application US/10425114

Sequence 66001, Application NS/10425114

Publication No. US20040034888A1

GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: NUMBER: US/10/425,114

CURRENT APPLICATION NUMBER: US/10/425,114

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 73128

SEQ ID NO 60601

LENGTH: 189
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GENERAL IN Application US/09800971

Factor No. US2020098577A1

GENERAL INFORMATION:
APPLICATION:
APPLICATION:
APPLICATION:
IGB35, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16835, A NOVEL HUMAN PHOSPHOLIPASE C TITLE OF INVENTION: 16446-023001

CURRENT APPLICATION NUMBER: 60/189, 037

PRIOR FILING DATE: 2000-03-09

PRIOR PLING DATE: 2000-03-09

NUMBER OF SEQ ID NOS: 11

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 11

LENGTH: 92
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US-10-425-114-60601
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Best Local Similarity 50.0%; Pred. No. 10;
Matches 9; Conservative 3; Mismatches
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ORGANISM: Artificial Sequence
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Best Local Similarity 47.1'
Matches 8; Conservative
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RESULT 15
US-10-226-844-1
Sequence 1, Application US/10226844
Publication No. US20030113764A1
GENERAL INFORMATION:
APPLICANT: Bodary, Sarah C.
APPLICANT: Bodary, Sarah C.
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMORS
FILE REFRENCE: P173R1
CURRENT APPLICATION NUMBER: US/10/226,844
CURRENT PILING DATE: 2002-08-22
PRIOR PILING DATE: 2000-07-27
PRIOR PILING DATE: 2000-07-27
PRIOR PILING DATE: 1999-07-28
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 1
LENGTH: 824
TYPE: PRI
TYPE: PRI
TYPE: PRI
SORGANISM: Homo sapien
US-10-226-844-1
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Best Local Similarity 43.8%; Pred. No. 1.4e+02;
Matches 7; Conservative 6; Mismatches 3; Indels
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0; Gaps

Search completed: March 26, 2004, 12:48:33 Job time : 42.5846 secs

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ALIGNMENTS
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RESULT 2
US-09-813-156-6
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                                                                                                                                                                                March 26, 2004, 12:23:20; Search time 15:5897 Seconds (without alignments) 62.919 Million cell updates/sec
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/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/jaa/PCTUS_COMB.pep:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-489-039A-7819
US-09-252-991A-23421
US-07-668-648-6
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US-07-668-648-2
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US-08-431-333-2
PCT-US91-02321-2
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US-08-429-998-8
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PCT-US91-0231-8
US-09-991-862-2
US-09-813-156-2
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US-07-813-156-6
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US-08-429-998-4
US-08-421-333-4
US-08-991-862-17
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Perfect score:
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Maximum DB
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25012, A
23789, A
24725, A
2, Appli
7970, Ap
24259, A
24259, A
26208, A
6208, Ap
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US-09-252-991A-23725
US-09-328-352-7970
US-09-328-352-7970
US-09-252-991A-24259
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US-09-328-352-626
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US-08-328-352-626
US-08-328-352-626
US-08-348-3428-8
US-08-315-771-2
US-09-315-771-2
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Sequence 6, Application US/08991862

Batent No. 6309826

GANCA FACTOR

GENERAL INFORMATION:

APPLICANT: Serrero, Ginette

TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

CURRENT FILING DATE: 1998-08-17

SARLIER APPLICATION NUMBER: 08/683,862

RARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: PLENGTH: 19

LENGTH: 19
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TYPE: PRT
ORGANISM: Human granulin
FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1). (19)
OTHER INFORMATION: Internal peptide of numan GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
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Best Local Similarity 100.0%; Pred. No. 1.3e-09;
Matches 19; Conservative 0; Mismatches 0; Indels
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; Patent No. 5885961
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                                                                                                                    NAME/KEY: PEPTIDE : LOCATION: (1)...(19) COCATION: (1)...(19) OTHER INFORMATION: Internal peptide of human GP88 used to develop : CTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody. US-09-813-156-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-07-668-648-4
Sequence 4, Application US/07668648
Sequence 4, Application US/07668648
Setent No. 5416192
GENERAL INFORMATION:
APPLICANT: Showman, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 98; DB 1; Length 593; 100.0%; Pred. No. 7.4e-08; Live 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: Rloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Datentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIPICATION: 11910819
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: 18,872
REPERENCE/DOCKET NUMBER: 18,872
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ...urkSSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
COUNTRY: USA
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; Sequence 4, Application US/08429998
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TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 19, Conservative
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Matches 19; Conservative
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MOLECULE TYPE: protein
US-07-668-648-4
                                            TYPE: PRT
ORGANISM: Human granulin
SEQ ID NO 6
LENGIH: 19
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APPLICANT: Shoyab, Mchammed
APPLICANT: Shoyab, Mchammed
APPLICANT: Shoyab, Mchammed
TITLE OF INNERTICN: BPITHELINE: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INNERTICN: BPITHELINE: NOVEL CYSTEINE-RICH GROWTH
TOTALE OF SURVEYING: BPITHELINE: NOVEL CYSTEINE-RICH GROWTH
NOMES COUNTY: USA
STATE: New York
NEW STATE: New York
STATE: New York
NEW STATE: New York
STATE: New York
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STATE: New York
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Sequence 2, Application US/07668648 Patent No. 5416192
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APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
                                                                                                                                                                                                                                                                               1 EKAPAHLSLPDPQALKRDV 19
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, NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 17

LENGTH: 593

TYPE: PRT

ORGANISM: Human GP88 CDNA
                             PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
PCT-US91-02321-4
                                                                                                                                          US-09-813-156-17
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US-07-668-648-2
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Betent No. 6309826

GENERAL INFORMATION:
APPLICAMY: Serrero, Ginette
APPLICAMY: Serrero, Ginette
TITLE OF INVENTION: 88 kD4 TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/08/991, 862
CURRENT PILING DATE: 1999-08-17
EARLIER APPLICATION NUMBER: 08/863,862
BARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
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Patent No. 6670183
GENERAL INFORMATION:
GENTAL INFORMATION:
GENTAL INFORMATION:
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE: Z9996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001.03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 08/991.652
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100.0%; Score 98; DB 2; Length 593;
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                    5624-161-999
         APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
                                FILING DATE: 27-APR-1995
CLASSIFICHATION: 536
PCLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY AGENT INFORMATION:
NAME: Misrock, S. Leslie
                                                                                                                                                                  NAME: Misrock, S. Leslie
REGIESTATION UNDRER: 18,824
REPRENCK/DOCKET NUMBER: 5624
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-900
TELEPRAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             346 EKAPAHLSLPDPQALKRDV 364
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Human GP88 cDNA
US-08-991-862-17
                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-431-333-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 6
US-08-991-862-17
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Sequence 4, Application PC/TUS9102321
SENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSED: Bristle.
CITY: Seattle
STREET: 3005 First Avenue
COUNTRY: USA
ZIP: Mashington
COUNTRY: USA
ZIP: P98121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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Length 593;
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                                                      Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
SOFTWARE: Potentin Release #1.0, Version #1.25
CURRENT APPLICATION DATE: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: PCT/US91/02321
ATTORNEY/AGENT INFORMATION:
NAME: PCO: Brian W.
REGISTRATION NUMBER: ON0071A-PC
TELEPHONE: (206)728-4800
TELEPHONE: (206)728-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
100.0%; Score 98; DB 5; 1
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
Query Match
Best Local Similarity 100.0%; Pred. No. 7.4e-08;
Matches 19; Conservative 0; Mismatches 0;
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Sequence 2, Application US/08421333
Sequence 2, Application US/08421333
Patent NO. 596523
Fatent NO. Fatent 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match
64.3%; Score 63; DB 2; Length 589;
Best Local Similarity 68.4%; Pred. No. 0.036;
Matches 13; Conservative 1; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 27-APR-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
RAME: MISTOCK, S. LESLIE
REGIGERATION NUMBER: 18,872
REFRENCE/DOCKET NUMBER: 6524-161-999
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-971
INFORMATION FOR SEQ ID NO: 2: SEQUENCE RARACTERISTICS:
LENGTH: 589 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   344 KKVTASLSLPDPOILKNDV 362
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                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10036
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                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-429-998-2
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US-08-431-333-2
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| Patent No. 5865261
| GENERAL INFORMATION:
| APPLICANT: Showah, Mohammed APPLICANT: Showah, Gregory D. TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS:
| CORRESPONDENCE ADDRESS: 12 CORRESPONDENCE ADDRESSER: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York STATE: New York COUNTRY: USA
       TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 1155 Avenue of the Americas
GITY: New York
STATE: New York
COUNTRY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match 64.3%; Score 63; DB 1; Length 589; Best Local Similarity 68.4%; Pred. No. 0.036; Matches 13; Conservative 1; Mismatches 5; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPDIALDE
COMPUTER: IBM PC COMPDIALDE
COMPUTER: IBM PC COMPDIALDE
COMPUTER: IBM PC COMPACIBLE
SOFTWARE: PATENTIN PATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFCATION: 514
PRIOR APPLICATION 1514
PRIOR APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
COMPUTER: BATCHIN RC-DOS/MS-DOS
SOFTWARE: PATCHIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNIBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5624-161-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 969-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           344 KKVTASLSLPDPQILKNDV 362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 589 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                / MOLECULE TYPE: protein US-07-668-648-2
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US-08-429-998-2
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Gaps
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; Sequence 8, Application US/08429998
; Patent No. 588591
; GENERAL INFORMATION:
   APPLICANT: Shoyab, Mohammed
   APPLICANT: Plowman, Gregory D.
   TITLE OF INVENTION: BITHELINS: NOVEL CYSTEINE-RICH GROWTH
   TITLE OF INVENTION: MODULATING PROTEINS
   NUMBER OF SEQUENCES: 12
   OORRESONDE. Pennie & Edmonds
   ADDRESSEE: Pennie & Edmonds
   STREET: 1155 Avenue of the Americas
   CITY: New York
   STATE: New York
   COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .
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CUNTRY: USA

ZIP: 10036
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US/08/429,998
FILING DATE: 13-APR-1995
ATPONEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,992
REGISTRATION NUMBER: 18,992
REGISTRATION NUMBER: 18,993
TELEBEHONE: (212)790-9090
Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3; Mismatches
                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: 18,872
REFERENE/POCKET NUMBER: 5624-161-99
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 179 emino acide
TYPE: AMINO ACID
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  118 KKAPAHLSLLDLGAVEGDV 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 EKAPAHLSLPDPQALKRDV 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 54.1%;
Best Local Similarity 63.2%;
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein US-07-668-648-8
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                                                                                                                                       Sequence 2. Application PC/TUS9102321
GENERAL INFORMATION:
APPLICANT: Shoyab, Mchammed
APPLICANT: Ployab, Mchammed
APPLICANT: Sequib Cregory D.
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES:
ADDRESSER: Existol-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Seatle
STREET: Washington
COUNTRY: USA
ZIP: 98121
COMPUTER: LBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: 32,928
RESTRENCE CHARACTER INFORMATION:
NAME: POOK BIND NO: STATOM NUMBER: 000071A-PC
TELEPONDHIC CASON NUMBER: 0100.21
TELEPAN: (206)448-4775
INPORMATION POR SEQ IND NO: SEQUENCE CHARACTERISTICS:
LENGTH: ANTON ACID
TOPPLEATION ACID
TOPPLEATION
TOPPLEA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-07-666-648-8
Sequence 8, Application US/07668648
Sequence 8, Application US/07668648
Sequence 8, Application US/07668648
Sequence 8, Application US/07668648
Sequence 8, Application States
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
SEQUENCES: 12
CORRESPONDENCES: 12
STATE: New York
STATE: New York
CITY: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 589;
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Pred. No. 0.036
1; Mismatches
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          344 KKVTASLSLPDPQILKNDV 362
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatil)
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 68.45
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , MOLECULE TYPE: protein PCT-US91-02321-2
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Dest Matches 12. Conservative 3 in Mismatches 4; Indels 0; Gaps 0; Matches 12. Conservative 3 in Mismatches 4; Indels 0; Gaps 0; Matches 12. Conservative 3 in Mismatches 4; Indels 0; Gaps 0; Matches 12. Conservative 3 in Mismatches 4; Indels 0; Gaps 0; Matches 12. Conservative 13 Mismatches 4; Indels 0; Gaps 0; Mismatches 15. Conservative 13 Mismatches 15. Mismatches 15. Conservative 15. Mismatches 15. Misma
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Sequence 6, Appli
Sequence 2, Appli
Sequence 16720, A
Sequence 18653, A
Sequence 29311, A
Sequence 29311, A
Sequence 26416, A
Sequence 26416, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                March 26, 2004, 12:23:20 ; Search time 11.4872 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1
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/ggn2_6/ptodata/2/iaa/5B_COMB.pep:*
/ggn2_6/ptodata/2/iaa/6A_COMB.pep:*
/ggn2_6/ptodata/2/iaa/6B_COMB.pep:*
/ggn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
/ggn2_6/ptodata/2/iaa/PcTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-252-991A-26416
US-09-489-039A-11041
US-09-199-637A-307
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US-08-991-862-5
US-09-813-156-5
US-07-668-648-6
US-08-429-998-6
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US-07-668-648-2
US-08-429-998-2
                                                                                                                                                                                                                                                                                                                                                                                                                                     Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-991-862-17
US-09-813-156-17
US-07-668-648-4
US-08-429-998-4
US-08-431-333-4
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US-08-991-862-2
US-09-813-156-2
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Maximum Match 100%
Listing first 45 summaries
                                                                                         OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                     BLOSUM62
Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                     1 ARRGIKCLRREAPR 14
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Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length DB
                                                                                                                                                                                                                     US-09-824-647-7
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Match I
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                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                                                                                         Searched:
                                                                                                                                       Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Title:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Result
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ä	Sequence 2, Appli	• •	Sequence 30495, A		29904,		21574,	32656,	Sequence 32123, A	Sequence 2, Appli	Sequence 25586, A	Sequence 16991, A	0	Sequence 1, Appli	Н	Sequence 3, Appli	Sequence 26363, A
US-09-252-991A-19905	US-09-230-421-2	US-09-394-272-11	US-09-252-991A-30495	US-09-252-991A-32108	US-09-252-991A-29904	US-09-252-991A-21789	US-09-252-991A-21574	US-09-252-991A-32656	US-09-252-991A-32123	US-08-712-072C-2	US-09-252-991A-25586	US-09-252-991A-16991	US-09-252-991A-22300	US-08-996-083-1	US-09-429-516-1	US-09-429-516-3	US-09-252-991A-26363
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252	301	1083	121	151	218	299	326	341	369	422	481	490	775	1156	1156	1156	1238
55.4	55.4	55.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
41	41	41	40	40	40	40	40	40	40	40	40	40	40	40	40	4	40
28	29	30	33	32		34	35	36	3.7	38	9.0	40	41	42	43	44	4.5

## ALIGNMENTS

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Gaps

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GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPTTHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                     Sequence 4, Application US/07668648

Sequence 4, Application US/07668648

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Ployab, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 68; DB 1; Length 593; Pred. No. 0.0007;
Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CALUE: 10036
COMPUTER EACABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DEACHTON DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: S14
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leelie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECCOMMUNICATION INFORMATION:
TELECCOMMUNICATION INFORMATION:
TELECCOMMUNICATION INFORMATION:
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Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 12
CORRESCONDENCESS:
CORRESCED: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUMTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 4, Application US/08429998
; Patent No. 5885961
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (2.21) 869-9791
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 593 amino acids
                                                                                     see akkgikcikkeapk 579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ARRGIKCLRREAPR 14
                                             1 ARRGIKCLRREAPR 14
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Best Local Similarity 92.,
Local 3; Conservative
  14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein US-07-668-648-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10036
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    Matches
                                                                                                                                                      RESULT 5
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TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTACONISTS
FILE REPERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-05-23
NUMBER: OF SEQ ID NOS: 17
SOFTWARE: PATCHIN Ver. 2.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: Z9996.484/ROL1-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/863,862
BARLIER FILING DATE: 1997-05-23
SOFTWARE: PATENTIN UNE: 197-05-23
SOFTWARE: PATENTIN US: 17
                                                                                                 FEATURE:
NAME/KEY: PEPTIDE
COCATION: (1)..(14)
COTHER INFORMATION: Internal peptide of human GP88 used to develop
OTHER INFORMATION: neutralizing anti-human GP88 monoclonal antibody.
US-09-813-156-7
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Dest Local Similarity 100.0%; Pred. No. 1.6e-06;

Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
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100.0%; Pred. No. 6.5e-05;
tive 0; Mismatches 0;
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Fred. No. 6.5e-05;
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; Sequence 17, Application US/09813156
Patent No. 6670183
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 17, Application US/08991862
Patent No. 6309826
GENERAL INFORMATION:
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Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Human GP88 cDNA
US-08-991-862-17
         SEQ ID NO 7
LENGTH: 14
TYPE: PRT
ORGANISM: Human granulin
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Best Local Similarity
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US-08-991-862-17
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LENGTH: 593
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TYPE: PRT

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Gaps

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; Sequence 4, Application PC/TUS9102321
; GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Showan, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
COUNTRY: Geatile
STATE: Mashington
COUNTRY: USA
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ZIP: 90121

COMPUTER READABLE FORM:
MEDITUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: PROCOMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Data:
APPLICATION NUMBER: PCT/US91/02321
FLING DATE: 19910403
CLASSIFICATION 514
ATTORNEY/AGENT INFORMATION:
NAME: PCOT, Brian W.
REGISTRATION NUMBER: 000071A-PC
TELEPHONE: (206)728-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 68; DB 5;
Pred. No. 0.0007;
0; Mismatches 1
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Best Local Similarity 92.9%;
Matches 13; Conservative
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92.9%;
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AMINO ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ARRGTKCLRREAPR 14
                                                                                    : 593 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 92.9
Matches 13; Conservative
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
PCT-US91-02321-4
                                                                                                                                                                                           MOLECULE TYPE: protein US-08-431-333-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-991-862-5
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| Patent No. 5965723 | Canalar No. 100 No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 68; DB 2; Length 593;
Pred. No. 0.0007;
0; Mismatches 1; Indels
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MEDIUM TYPE: Flopped disk
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 27-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 189,97
REFERENCE/DOCKET NUMBER: 524-161-999
TELECOMMUNICATION INFORMATION:
                          COMPUTER READABLE FORM:
MEDILUM TYPE: Floppy disk
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
PRIOR APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-AAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISPOCK, S. Leelie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION INFORMATION:
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION INFORMATION:
TELEPHONICATION INFORMATION:
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 18,872
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TYPE: amino acide
TOPOLOGY: 1:-
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(212) 869-9741
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Best Local Similarity 92.5-
These 13; Conservative
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US-09-813-156-5

Sequence 5, Application US/09813156

Patent No. 6670183

GRENERAL INFORMATION.
APPLICANT: Serrero, Ginette

TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TILLE OF INVENTION: UNMBER: 08/99, 862

PRIOR APPLICATION NUMBER: 08/99, 862

PRIOR APPLICATION NUMBER: 08/99, 862

PRIOR APPLICATION NUMBER: 08/863, 862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Gaps
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COTHER INFORMATION: Internal peptide of mouse GPBB used to raise the OTHER INFORMATION: antisera against the GPBB used in the COTHER INFORMATION: immunoaffinity step.
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; OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the ; OTHER INFORMATION: antisera against the GP88 used in the ; OTHER INFORMATION: immunoaffinity step.
US-09-813-156-5
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Patent No. 5416192
GENERAL INFORMATION:
APPLICANT: Plowyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      71.6%; Score 53; DB 4; Length 14; 75.0%; Pred. No. 0.0065; ative 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 71.6%; Score 53; DB 4; Length 14; Best Local Similarity 75.0%; Pred. No. 0.0065; Matches 9; Conservative 2; Mismatches 1; Indels
; FILE REFERENCE: 29996.488/P001-A
; CURRENT APPLICATION NUMBER: US/08/991,862
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/863,862
; BARLIER FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SOCITWARE: Patentin Ver. 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 RGTKCLRREAPR 14
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ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
--na 9; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: PEPTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: PEPTIDE
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US-07-668-648-6
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                                                                                                                                                                                                                                                                                                               TYPE: PRT
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APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: RPITHELINS: NOVEL CYSTEINE-RICH GROWTH-
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 1.2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               71.6%; Score 53; DB 1; Length 589; 75.0%; Pred. No. 0.27; 1; Indels iive 2; Mismatches 1; Indels
                                                                                                                                                                COUNTEXT: USS.

ZIP: 10036
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LIB PC compatible
OPERATIVIG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIPICATION: S. 164
ATTORNEY AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
I.TWACTH: 589 amino acids
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SOFTWARE: PETENDEN BARA: PC-DOS/MS-DOS
CURRENT APPLICATION DARA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
GLASSIFICATION: 514
PRIOR PEDILORITON DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MRR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
TITLE OF INVENTION: MODULATING PROTEINS
                 NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: Pennie & Edmonds
STREET: New York
STATE: New York
COUNTRY: USA
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STREFT: 1155 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 6, Application US/08429998
; Patent No. 5885961
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....IERISTICS:
....ATH: 589 anino acids
TYPE: AMINO ACID
TOPOLOGY: 1:
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Matches 9; Conservative
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US-08-429-998-6
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| Sequence 2. Application US/08991862 | Sequence 2. Application US/08991862 | Patent No. 6309366 | Patent No. 630936 | Patent Patent Patent No. 630936 | Patent Patent No. 630936 | Patent Patent No. 630936 | Patent No. 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 75.0%;
Matches 9; Conservative
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US-08-431-333-6
i Sequence 6, Application US/08431333
patent No. 5965723
i GENERAL INFORMATION:
APPLICANT: Blowman, Gregory D.
TITLE OF INVENTION: BPITHBELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: USA
ZIP: New York
COUNTRY: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/431,333
FILING DATE: 27-38F-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
NAMP: Misrork SIGHING NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
NAMP: Misrork SIGHING NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
NAMP: Misrork SIGHING NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
NAMP: Misrork SIGHING NUMBER: US 07/668,648
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REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMULATION INFORMATION:
TELEPHONE: (212) 869-9741
INFORMATION FOR EEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: amino acid
TYPE: amino acid
MOLECULE TYPE: protein
US-08-429-998-6
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REGISTRATION NUMBER: 18,872
REPRENCE/DOCKET NUMBER: 5624-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUIENCE CHARACTERISTICS:
LENGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 RGTKCLRREAPR 14
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DB 4; Length 589;

Score 53; DB 4 Pred. No. 0.27; 2; Mismatches

1; Indels

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                                                                                                                                                                                      Score 53; DB 4;
Pred. No. 0.27;
2; Mismatches
                                                                                                                                                                                                                                                                     Search completed: March 26, 2004, 12:29:51 Job time : 12.4872 secs
                                                                                                                                                     ; TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-09-813-156-2
                                                                                                                                                                                       71.6%;
75.0%;
                                                                                                                                                                                                                                     ||||||||: ||
564 RGTKCLRKKIPR 575
                                                                                                                                                                                       Query Match
Best Local Similarity 75.0
Matches 9; Conservative
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1; Indels

3 RGTKCLRREAPR 14

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Appli
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                                                                                                                                                                  March 26, 2004, 12:23:20 ; Search time 11.4872 Seconds (without alignments) 62.919 Million cell updates/sec
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Sequence 6, M
Sequence 6, M
Sequence 2, M
Sequence 4, M
Sequence 7, M
Sequence 17, M
Sequence 1699
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Sequence 70,
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(GGTZ_6/ptodata/2/iaa/5A_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/5B_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/6A_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/6B_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

(GGTZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-813-156-5
US-09-813-156-6
US-08-429-998-6
US-08-431-333-6
US-08-813-133-6
US-09-813-125-2
US-09-813-125-2
US-08-648-4
US-08-648-4
US-08-429-998-4
US-08-429-998-4
US-08-91-862-7
US-08-91-862-7
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US-09-991-862-7
US-09-991-862-7
US-09-991-862-7
US-09-991-862-7
US-09-991-862-7
US-09-991-862-17
US-09-35-3938-15
US-09-36-3938-15
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US-09-636-399A-71
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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73
1 SARGTKCLRKKIPR 14
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Maximum DB seq length: 200000000
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Match Length
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Perfect score:
Sequence:
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                                       NS-09-813-156-5

// Sequence 5, Application US/09813156

// Sequence 6, Application US/09813156

// Sequence 10. 6670183

// GENERAL INFORMATION:

// APPLICATION SET SETTION GINETE

// TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

// TILLE OF INVENTION: 2996.488/9001-A

// CURRENT FILING DATE: 1997-12-16

// PRIOR APPLICATION NUMBER: 08/691,862

// PRIOR APPLICATION NUMBER: 08/63,862

// PRIOR APPLICATION NUMBER: 08/63,862

// PRIOR FILING DATE: 1997-05-23

// NUMBER: OF SEQ ID NOS: 17
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                                                                       64,
62,
63,
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPRENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: U5/08/991,862
CURRENT FILING DATE: 1999-08-17
EARLIER APPLICATION NUMBER: 06/863,862
EARLIER APPLICATION NUMBER: 06/863,862
EARLIER APPLICATION NUMBER: 06/863,862
EARLIER APPLICATION NUMBER: 06/863,862
SEALING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 5
LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: PEPTIDE LOCATION: (1)...(14) LOCATION: (1)...(14) COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: immunoaffinity step.
                                   Sequence
                                                                                                                                                                                                                                                                      Sequence
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100.0%; Pred. No. 3.1e-06;
Live 0; Mismatches 0; Indels
US-09-636-399A-68
US-09-631-399A-69
US-09-631-399A-67
US-09-631-399A-67
US-09-636-399A-62
US-09-636-399A-62
US-09-636-399A-63
US-09-636-399A-61
US-09-636-399A-59
                                                                                                                                                                                                                                                                                                                                                                                                 US-08-991-862-5
; Sequence 5, Application US/08991862
; Patent No. 6309826
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: mouse granulin
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US-08-991-862-5
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US-08-429-998-6
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                                                                                                                                                                                                                                  NAME/KEY: PEPTIDE COCATION: (1)..(14) COCATION: (1)..(14) COCATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the OTHER INFORMATION: ammunoaffinity step.
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Patent NO. 5415192

GENERAL INFORMATION:
APPLICANT: Bhowan, Gregory D.
ITILE OF INVENTION: BPITHELINS: NOVEL CYSTEINB-RICH GROWTH
ITILE OF INVENTION: MODILATING PROTEINS
ORRESPONDENCES: 12
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
CORRESPONDENCES: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 73; DB 1; Length 589; 100.0%; Pred. No. 9.5e-05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match
100.0%; Score 73; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 3.1e-06;
Matches 14; Conservative 0; Mismatches 0; Indels
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COUNTRY:

COUNTRY:

USA

COUNTRY:

MEDIUM TYPE:

COMPUTER:

COMPUTER:

COMPUTER:

COMPUTER:

COMPUTER:

COPERATING SYSTEM:

COPERATION NUMBER:

CLASSIFICATION:

NAME:

MARCHARM:

MARCHARM:

CALLON NUMBER:

CALLEPHONE:

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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 14
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Matches 14; Conservative
                                                                                                                                                           ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 3
US-07-668-648-6
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                                                                                                                            TYPE: PRT
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RESULT 4

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Sequence 6, Application US/08429999

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## Sequence 6, Application PC/TUS9102321
## Sequence 6, Application PC/TUS9102321
## SEQUENCE 6, Application PC/TUS9102321
## APPLICANT: Shoyab, Mohammed
## APPLICANT: Showan, Gregory D.
## TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
## TITLE OF INVENTION: MODULATING PROTEINS
## APPLICANT: ADDRESS:
## APPLICANT: A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 589;
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Pred. No. 9.5e-05;
0; Mismatches 0;
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100.0%; Score 73;
Best Local Similarity 100.0%; Pred. No. 9
Matches 14; Conservative 0; Mismatche
PRIOR APPLICATION NUMBER: 08/863,862
PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
                                                                                                                                                                                         , TYPE: PRT
, ORGANISM: Mouse epithelin/granulin
US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 2, Application US/07668648
; Patent No. 5416192
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%;
Matches 14; Conservative 0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS: LENGTH: 589 amino acids TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 SARGTKCLRKKIPR 14
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PCT-US91-02321-6
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Befort No. 6309826

GRNERAL INFORMATION:

GRNERAL INFORMATION:

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS

FILE REFERENCE: 29996.488/P001-A

CURRENT APPLICATION NUMBER: US/08/991,862

CURRENT FILING DATE: 1999-08-17

EARLIER APPLICATION NUMBER: 08/863,862

BARLIER PILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE: Patentin Ver. 2.0
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Sequence 2, Application US/09813156
Sequence 2, 6670183
Betent No. 6670183
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 29996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 08/991,862
PRIOR FILING DATE: 1997-12-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 589;
   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-AFR-1995
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5224-161-999
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: amino acids
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100.0%; Score 73; DB 4; I
Best Local Similarity 100.0%; Pred. No. 9.5e-05;
Matches 14; Conservative 0; Mismatches 0;
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100.0%; Score 73; DB 2; L
Best Local Similarity 100.0%; Pred. No. 9.5e-05;
Matches 14; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; SEQ ID NO 2
: LENGTH: 589
TYPE: PRT
; ORGANISM: Mouse epithelin/granulin
US-08-991-862-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  562 SARGTKCLRKKIPR 575
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-431-333-6
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US-08-991-862-2
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Fri Mar 26 17:57:10 2004

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Sequence 2, Application US/08431333
; Sequence 2, Application US/08431333
; Patent No. 5965723
; GENERAL INFORMATION:
    APPLICANT: Shoyab, Mohammed
    APPLICANT: Blowman, Gregory D.
    TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
    TITLE OF INVENTION: MODULATING PROTEINS
    NUMBER OF SEQUENCES: 12
    CORRESPENDENCE ADDRESS: 12
    CORRESPENDENCE ADDRESS: 15
    ADDRESSEE: Pennie & Edmonds
    STREET: 1155 Avenue of the Americas
    CITY: New York
    STARMEN: New York
                                                                                                                                                                                                                                                                                                                                                                                            Score 65; DB 2; Length 589;
Pred. No. 0.0022;
1; Mismatches 1; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR 1995
CLASSIFICATION: 536
PROR APPLICATION DATA:
APPLICATION NUMBER: US 07/666,648
FILING DATE: 13-MAR-1991
ATTORNEY AGRATIN:
NAME: Misrock, S. Leslie
FILING DATE: 13-MAR-1991

ATORNNY/AGENT INFORMATION:
NAME: MAMESTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET VUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 799-9090
TELEPRAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEPHONE: (212) 786-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                          Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            562 SAKGTKCLRKKTPR 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 SARGIKCLRKKIPR 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    589 amino acids
                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-429-998-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-431-333-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-429-998-2
; Sequence 2, Application US/08429998
; Patent No. 5885961
; Patent No. 5885961
; Patent No. 5885961
; APPLICANT: Shoyab, Mchammed
; APPLICANT: Shoyab, Mchammed
; APPLICANT: Plowman; Gregory D.
; TITLE OF INVENTION: MCDULATING PROTEINS
; TITLE OF INVENTION: MCDULATING PROTEINS
; NUMBER OF SEQUENCE: 12
; CORRESPENDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STRET: 1155 Avenue of the Americas
; STRET: New York
; STRATE: New York
; COUNTRY: USA
                          APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           89.0%; Score 65; DB 1; Length 589; 85.7%; Pred. No. 0.0022; tive 1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 314
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
                                                                                                                                                                                                                                                                    ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: PC-DOS/MN-DOS
SOFTUMAE: PC-DOS/MN-DOS
SOFTUMAE: PC-DOS/MN-DOS
SOFTUMAE: PC-DOS/MN-DOS
FILING DATE: 19910819
FILING DATE: 19910819
CLASSIFICATION: 514
                                                                                                                                                  ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Mierock, S. Leslie
REGISTRATION UNDBER: 18,872
REPERENCE/DOCKET UNDBER: 5624
TELECOMMUNICATION INFORMATION:
TELEPHORE: (212) 790-990
TELEPRA: (212) 869-9741
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTER SITICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
     APPLICANT: Shoyab, Mohammed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                562 SAKGIKCLRKKIPR 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 SARGTKCLRKKIPR 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 85.73
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear; MOLECULE TYPE: protein US-07-668-648-2
                                                                                                                                                                                                                            New York
                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10036
                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                    CITY: 1
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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PREEDIL ON DOGUSTONS

APPLICANT: Shoyab, Mohammed

APPLICANT: Shoyab, Mohammed

APPLICANT: Showan, Gregory D.

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: MODULATING PROTEINS

TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 593;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FLING DATE: 27-ARR-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelin:
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELEPHONE: (212) 869-9741
TELEPHONE: (212) 869-9741
TELEPHONE: (212) 869-9741
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFTWARE: Patentin Pc-DoS/MS-DoS
SOFTWARE: Patentin Pc-Bos/MS-DoS
CURREWT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910019
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFRENCE/DOCKET NUMBER: 5624-161-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEFRAX: (212)790-9090
TELEFRAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 58; DB 1;
Pred. No. 0.036;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-429-998-4
; Sequence 4, Application US/08429998
; Patent No. 5885961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 71.4%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    566 AARGIKCLRREAPR 579
                                                                                                                                                                                                                                                                                                                                                                                                : 593 amino acids
AMINO ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-07-668-648-4
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Sequence 10. 5416192

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed

APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: MODULATING PROTEINS

TORRESPONDERS: 12

CORRESPONDERS: 12

CORRESPONDERS: ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA
                                                                                                                                                                                                                APPLICANT: Shoyab, Mohammed
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Seattle
STREET: Washington
COUNTRY: USA
ZIP: 98121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.0022;
----- 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER FRADABLE FORM:
MEDILUM TYPE: Floppy disk
COMPUTER: ISP COMPATIBLE
COMPUTER: ISP COMPATIBLE
COMPUTER: ISP COMPATIBLE
COMPUTER: ISP PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION: 514
ATTORNEY/AGENT INPORMATION:
NAMME: PCOC. BIIAN W.
REGISTRATION NUMBER: ON0071A-PC
TELERENCE/DOCKET NUMBER: ON0071A-PC
TELECOMMUNICATION INFORMATION:
TELERENCE (206) 728-4800
TELEFAX: (206) 7448-4775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 65;
                                                                                                                                                                                 Sequence 2, Application PC/TUS9102321 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   89.0%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 562 SAKGTKCLRKKTPR 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 589 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (206)448-4779
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PCT-US91-02321-2
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US 08-431-333-4
Sequence 4, Application US/08431333
Sequence 4, Application US/08431333
Sequence 4, Application US/08431333
Sequence 4, Application US/08431333
Patent No. 5965723
STRENT INFORMATION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS
NOMES OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patents & Edonoids
STREET: New York
COUNTRY: New York
COUNTRY: New York
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: IMP PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CUMPUTER: PATENTIN DATE: 12-APR-1995
CLASSIFICATION NUMBER: US/08/431,333
FILING DATE: 13-APR-1991
ATTORNEY AGENT INFORMATION:
RESTERENCE FOOKER NUMBER: 18-191
ATTORNEY AGENT INFORMATION:
NAME: Miscock, S. Lealie
RESTERENCE FOOKER NUMBER: 5524-161-999
TELECHOME (212) 789-9741
INFORMATION POR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS:
LENGTH FOR PREPARESTICES:
LENGTH F
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                                                            Query Match

79.5%; Score 58; DB 2; Length 593;
Best Local Similarity 71.4%; Pred. No. 0.036;
Matches 10; Conservative 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 58; DB 2;
Pred. No. 0.036;
3; Mismatches
                                                                                                                                                                                                                                                                    :||||||||||||||| 566 AARGTKCLRREAPR 579
                                                                                                                                                                                                                    1 SARGTKCLRKKIPR 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 71.4
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein US-08-431-333-4
US-08-429-998-4
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Search completed: March 26, 2004, 12:29:49 Job time : 11.4872 secs

1 SARGTKCLRKKIPR 14

ò qq Sequence 31028, A Sequence 6, Appli Sequence 5, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 2, Appli Sequence 220, App Sequence 220, App Sequence 220, App Sequence 8078, App Sequence 8078, App Sequence 60, App Sequence 60, App

Sequence

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Sequence 4, Application US/08991862

Patent NO. 630986

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996-488/F001-A
CURRENT APPLICATION NUMBER: US/08/991,862

CURRENT FILING DATE: 1998-08-17

SARLIER APPLICATION NUMBER: 08/863,862

SARLIER FILING DATE: 1997-05-23

NUMBER OF SEQ ID NOS: 17

SOFTWARE PATENTING PATE: 1997-05-23

LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09813156;
Patent No. 6670183;
GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TILE REFERENCE: 2996.488/P001-A
CURRENT APPLICATION NUMBER: US/09/813,156
CURRENT FILING DATE: 2001-03-21
PRIOR FILING DATE: 1997-12-16
PRIOR FILING DATE: 1997-12-16
; PRIOR FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)...(12)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the OTHER INFORMATION: antisera against the GP88 used in the GTHER INFORMATION: immunoaffinity step.
US-08-991-816-62-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 69; DB 4; Length 12; 100.0%; Pred. No. 1.6e-05; cive 0; Mismatches 0; Indels
      US-09-252-991A-31028
US-09-463-712C-8
US-09-463-712C-8
US-09-233-989-5
US-09-54-805-238
US-09-191-647-7
US-09-540-133-7
US-09-182-04A-5
PCT-US91-09065-2
US-08-190-802A-20
US-08-473-46-220
US-08-473-46-220
US-08-487-072A-220
US-08-487-072A-220
US-09-489-033A-8078
US-09-489-033A-8078
US-09-489-033A-8078
                                                                                                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 12, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 PDAKTOCPDDST 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 PDAKTQCPDDST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 2
US-09-813-156-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1
US-08-991-862-4
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Appl
Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                      March 26, 2004, 12:23:20 ; Search time 9.84615 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, My Sequence 2, My Sequence 2, My Sequence 2, My Sequence 2, My Sequence 4, My Sequence 4, My Sequence 4, My Sequence 4, My Sequence 17, My Sequenc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, p
Sequence 4, p
Sequence 2, p
Sequence 6, p
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Description
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence Sequence S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
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/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                     GenCore version 5.1.6
(c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-991-862-4

US-07-668-648-2

US-07-668-648-2

US-08-429-998-2

US-08-429-998-6

US-08-431-333-6

US-08-431-333-6

US-08-431-333-6

US-08-431-333-6

US-08-431-333-6

US-08-991-862-1

US-08-991-2

PCT-US91-02321-8

US-08-36-848-8

US-08-36-848-8
                                                                                                                                                                                                                                                                                                                                                                                                             Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                  389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Issued_Patents_AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                      length: 0
length: 2000000000
                                                                                                                                                                                                                                                                  1 PDAKTQCPDDST 12
                                                                                                                                                                                                                    US-09-824-647-4
69
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Match Length
                                           Copyright
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Minimum DB seq
Maximum DB seq
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                                                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                                                      Searched:
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                                                                                                                                               Run on:
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Gaps

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COKRESPONDENCE ADDRESS
COKRESPONDENCE ADDRESS
STREET: 1155 Avenue of the Americas
STREET: 1155 Avenue of the Americas
STRIES 1155 Avenue of the Americas
APPLICATION NUMBER: 105/0668,648
FILING DATE: 19910819
FLING DATE: 19910819
FLING DATE: 19910819
FLING PARTION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 16,999
TELEPHONE: (212)790-9090
  Sequence 6, Application US/07668648;
Patent No. 3416192;
GENERAL INFORMATION:
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYST
TITLE OF INVENTION: MODULATING PROTEINS:
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (212) 669-9741 INFORMATION FOR SEQ 1D NO: SEQUENCE CHARACTERISTICS: LENGTH: 589 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 589 amino acids
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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US-08-429-998-2
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                                                                                                                        FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1)..(12)
COTHER INFORMATION: Internal peptide of mouse GP88 used to raise the
OTHER INFORMATION: antisera against the GP88 used in the
COTHER INFORMATION: immunoaffinity step.
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Sequence 2, Application US/07668648

Retent No. 5416192

GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 69; DB 1; Length 589; 100.0%; Pred. No. 0.0011; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                 Length 12;
                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITT: New ALL.,
STATE: New YOLK
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACINE
COMPUTER: TBM PC COMPACINE
COMPACINE: TBM PC COMPACINE
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910619
CLASSIFICATION S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION SOCKET UNDRER: 5624-161-999
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: CHARACTERISTICS:
TWATH: S89 amino acids
                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 69; DB 4; L
Best Local Similarity 100.0%; Pred. No. 1.6e-05;
Matches 12; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 589 amino acids
AMINO ACID
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Best Local Similarity 100.
Matches 12; Conservative
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                       1 PDAKTQCPDDST 12
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                                                                      TYPE: PRT ORGANISM: mouse granulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-07-668-648-2
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Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: ADDITION: AUTOMATING PROFEINS
NUMBERSPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                           100.0%; Score 69; DB 1; Length 589; 100.0%; Pred. No. 0.0011;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ...ukeSSEE: ...ukeSS:
...ukeSSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
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0
                                                                                                                                                                                               208 PDAKTOCPDDST 219
                                                                  Query Match 100.
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                      1 PDAKTQCPDDST 12
, MOLECULE TYPE: protein US-07-668-648-6
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MEDIUM TYPE: Floppy
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208 PDAKTQCPDDST 219

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RESULT

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Gaps
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Patent No. 596573

Patent No. 596573

Patent No. 596573

Patent No. 596573

Patent No. 596773

Patent No. 596773

TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH

TITLE OF INVENTION: MODILATING PROTEINS

TITLE OF INVENTION: MODILATING PROTEINS

TITLE OF INVENTION: MODILATING PROTEINS

CORRESPONDENCE ADDRESS:

ADDRESSES: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

COUNTRY: New York

CONTRY: New York

CONFITE: 18A PC compatible

COMPITER: BADABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: BADABLE FORM:

MEDIUM TYPE: PatentIn Release #1.0, Version #1.25

CORFMATING SYSTEM: PC-108/M95-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURASIFICATION NUMBER: US/08/431,333

FILING DATE: 13-MAR-1995

RESPERANT APPLICATION DATA:

APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Miscock, S. Leslie

REGISTRATION NUMBER: US 07/668,648

FILING DATE: 13-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Miscock, S. Leslie

REGISTRATION NUMBER: 18-872

REFERENCE COMMUNICATION INFORMATION:

TELEFAX: (212) 869-9741

INFORMATION FOR EGO ID NO: 2:

SEQUENCE CHARACTERICS:

INFORMATION FOR EGO ID NO: 2:

SEQUENCE CHARACTERICS:

INFORMATION CHARACTERICS:

INFORMATION FOR EGO ID NO: 2:

SEQUENCE CHARACTERICS:

INFORMATION CHARAC
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Sequence 6. Application US/08431333
Patent No. 5965723
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Plowam, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 69; DB 2; Length 589; 100.0%; Pred. No. 0.0011;
                      Length 589;
Score 69; DB 2; Length so. Pred. No. 0.0011;
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                         Query Match
Best Local Similarity 100.0%;
Matches 12; Conservative 0;
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Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 8
US-08-431-333-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PREERL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Showat, Gregory D.
APPLICANT: Showat, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
COMPRESSEE: Pennie & Edmonds
STATE: New York
COUNTRY: New York
STATE: New York
COMPUTER: BAPPERSE: Floppy disk
COMPUTER: BAPPERSE: Floppy disk
COMPUTER: ENABLE FORM:
COMPUTER: ENABLE FORM:
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/429,998
FILING DATE: 13-MAR-1991
ATTORNEY/AGBNT INFORMATION:
NAME: MASTOCK, S. Leslie
FILING DATE: 13-MAR-1991
ATTORNEY/AGBNT INFORMATION:
NAME: MASTOCK, S. Leslie
FEISTRATION NUMBER: 18,872
RESPERENCE/DOCKET NUMBER: 18,872
RESPERENCE/DOCKET NUMBER: 5624-161-999
TELESOMUNICE/DOCKET NUMBER: 5624-161-999
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100.0%; Score 69; DB 2;
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0;
                         Sequence 6, Application US/08429998 Patent No. 5885961
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Sequence 2, Application US/09813156
| Patent No. 6670183
| GENERAL INFORMATION:
| APPLICANT: Serrero, Ginette
| TILE OF INVENTION: BR UBA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE OF INVENTION: BR UBA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE REPERBNCE: Z9996.488/P001-A
| CURRENT APPLICATION NUMBER: US/09/813,156
| CURRENT FILING DATE: Z997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-09-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE PATENTIN VET: 2.0
| SEQ ID NO 2
| LENGTH: 589
| TYPE: PRT
| CREANISM: Mouse epithelin/gramulin
| US-09-813-156-2
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Sequence 2. Application PC/TUS9102321
Sequence 2. Application:
Sequence 2. Application:
Septicant: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
APPLICANT: Blowman, Gregory D.
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STRET: Washington
CCUTY: Seattle
STATE: Washington
CCUTY: Scattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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100.0%; Score 69; DB 5; Length 589;
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC SOFTWAS PC-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILLING DATE: 19910403
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 69; DB 4; L
100.0%; Pred. No. 0.0011;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFLCATION: 5.14
ATTORNEY/AGENT INFORMATION:
NAME: POOR, Brian W.
REGISTRATION NUMBER: 32,928
REFRENCE/DOCKET NUMBER: 0N007
TELECOMMUNICATION INFORMATION:
TELEFAK: (206)728-4800
TELEFAK: (206)748-4775
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 589 anthro acids
TYPE: AMINO ACID
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           208 PDAKTOCPODST 219
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| Sequence 2, Application US/08991862
| Sequence 2, Application US/08991862
| Patent No. 6309826
| GENERAL INPORMATION:
| APPLICANT: Serrero, Ginette
| TILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| TILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REFRERNCE: Z9996, 486/Poll-A
| CURRENT FILING DATE: 1997-05-23
| CURRENT FILING DATE: 1997-05-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 2
| LENGTH: 589
| TYPE: PRT
| ORGANISM: Mouse epithelin/granulin
| US-08-991-862-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%; Pred. No. 0.0011;
Matches 12; Conservative 0; Mismatches 0; Indels
           ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER: TENAGALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
CLASSIFICATION: DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR.-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGERROCE DOCKET NUMBER: 5624-161-999
TELECOMMUTCATION INFORMATION:
MATERIAL OF 10,000-0011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPR. (212) 869-9741
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 589 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             208 PDAKTOCPDDST 219
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 12; Conserva
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RESULT 10 US-09-813-156-2

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Score 51; DB 1; Length 593;
Pred. No. 1.1;
3; Mismatches 1; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERALING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MRR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Lealie
REGISTRATION NUMBER: 18,872
REGERMONE/COKET NUMBER: 5624-161-999
TELERDHOME: (212) 796-90901
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APEDICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leelie
REGISTRATION NUMBER: S624-161-999
TELEPHONE: (212) 790-9900
TELEPHONE: (212) 790-9900
TELEPHONE: (212) 790-971
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
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INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 593 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           209 PDARSRCPDGST 220
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Best Local Similarity 66.7
Matches 8; Conservative
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; MOLECULE TYPE: protein
US-07-668-648-4
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| Patent No. 5416192 |
| Patent No. 5416192 |
| GENERAL INFORMATION: |
| APPLICANT: Showab, Mchammed |
| APPLICANT: Plowman, Gregory D. |
| TITLE OF INVENTION: MODULATING PROTEINS |
| TITLE OF INVENTION PROTEINS |

                                                                                                                                                                      RESULT 12
PCT-US91-0231-6
Sequence 6, Application PC/TUS9102321
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
ITILE OF INVENTION: MODULATING PROTEINS
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEGUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSES: Brist Avenue
STREET: 3005 First Avenue
STREET: 3005 First Avenue
COUNTRY: USA
ZATE: Washington
COUNTRY: USA
DEPLICATION OF SECUENCES
COMPUTER: EDAPP GOODPATIBLE
COMPUTER: PatentIn Release #1.0, Version #1.25
COMPUTER: PatentIn Release #1.0, Version #1.25
COMPUTER: PatentIN RELEASE
CONFURER: PatentIN RELEASE
CONFURER: PatentIN RELEASE
STILING DATE: 19910403
TLASSIFICATION NUMBER: PCT/US91/02321
TLING DATE: 19910403
TLASSIFICATION NUMBER: 32,928
REPERRICE/DOCKET NUMBER: 32,928
REPERRICE/DOCKET NUMBER: 32,928
REPERRICE/DOCKET NUMBER: 32,928
REPERRICE/ONCHINGATION INFORMATION:
RADION OF SEQUENCE CHARACTERISTICS:
LENGTH: BS9 and OR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: AMINO ACIDS
COUNTRY: Linear
COUNTRY: Linear
COUNTRY: Linear
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein PCT-US91-02321-6
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Sequence 4, Application US/08431333
Patent No. 5965723
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
TITLE OF INVENTION:
TITLE OF INVENTION:
CONTRESPONDENCES:
CORRESPONDENCES:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
CITY: New York
STATE: New York
COMPUTER: IBM PC-DOS/NS-DOS
COMPUTER: IBM PC-DOS/NS-DOS
COMPUTER: IBM PC-DOS/NS-DOS
SOFTWARE: BADABLE FORM:
COMPUTER: BADABLE FORM:
MEDIUM TYPE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 13-ARR-1991
FILING DATE: 13-ARR-1991
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
TELEPONE: ALSO NUMBER: US/08/431,333
TELEPONE: (212) 969-909
TELEPONE: (212) 969-909
TELEPONE: (212) 969-909
TELEPONE: (212) 969-909
TELEPONE: (212) 99-909
TELEPONE: (212) 969-914
INFORMATION FOR ESD ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: S93 amino acids
TUDONICAY: 11-acid
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                                     Length 593;
                                                                               1; Indels
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                                       Query Match
Best Local Similarity 66.7%;
Matches 8; Conservative
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Best Local Similarity 66.7
Matches 8; Conservative
                                                                                                                                                        209 PDARSRCPDGST 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-431-333-4
                                                                                                                            1 PDAKTQCPDDST 12
                                                                                                                                                                                                                                          RESULT 15
US-08-431-333-4
US-08-429-998-4
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209 PDARSRCPDGST 220

1 PDAKTOCPDDST 12

Search completed: March 26, 2004, 12:29:49 Job time : 10.8462 secs

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US-08-991-862-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 g
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                                                                                                                                                                March 26, 2004, 12:23:20 ; Search time 15:5897 Seconds (without alignments) 62.919 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 2, Sequence 11 Sequence 11 Sequence 6, Sequen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
Sequence
Sequence
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Sequence
Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  389414
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(Ggn2 6/ptodata/2/iaa/5A_COMB.pep:*
/Ggn2 6/ptodata/2/iaa/5B_COMB.pep:*
/Ggn2 6/ptodata/2/iaa/6A_COMB.pep:*
/Ggn2 6/ptodata/2/iaa/6B_COMB.pep:*
/Ggn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
/Ggn2 6/ptodata/2/iaa/PCTUS COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-252-991A-28167
US-08-991-865-6
US-09-813-155-6
US-08-8429-998-4
US-08-8431-33-4
US-08-991-862-17
US-09-813-156-17
US-09-813-156-17
US-09-813-156-17
US-09-813-156-17
US-09-717-364A-5
US-09-717-364A-5
US-08-798-269-1
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US-09-81-156-3
US-07-668-86-6
US-08-429-998-6
PCT-US-08-991-862-2
US-08-991-862-2
US-08-991-862-2
US-08-429-998-2
US-08-429-998-2
US-08-429-998-2
US-08-429-998-2
US-08-431-333-2
US-08-431-333-2
US-08-668-648-2
US-08-668-648-2
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US-08-68-648-2
US-08-68-68-2
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US-08-68-68-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                               OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                       1 KKVIAPRRLPDPQILKSDT 19
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match Length DB
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                                                                                                                                                                                                                                                                                     Title:
Perfect score:
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Sequence 32561, A	-09-252-	4	325	40.6	39	44	
ednence	-09-252	4	138	40.6	39	43	
ednence	-09-252	4	134	40.6	39	42	
	US-09-252-991A-28607	4,	860	41.7	40	41	
Sequence 23996, A	US-09-252-991A-23996	4	572	41.7	40	40	
	US-09-252-991A-23424	4,	480	41.7	40	66	
	US-09-152-060-64	4	335	41.7	40	38	
Sequence 7162, Ap		4	304	41.7	40	37	
	US-09-391-340-4	4	803	42.7	41	36	
Sequence 4, Appli	US-08-907-166-4	C)	803	42.7	41	35	
	US-09-533-029-48	4	798	42.7	41	34	
Sequence 28320, A	-09-252-991A	4	381	42.7	41	33	
	US-09-252-991A-32405	4	273	42.7	41	32	
Sequence 17170, A	US-09-252-991A-17170	4	485	43.2	41.5	31	
	US-09-489-039A-8740	4	835	43.8	42	30	
Sequence 23, Appl	US-08-380-182-23	N	820	43.8	42	53	
Sequence 8, Appli	US-09-298-924-8	4	556	43.8	42	28	

## ALIGNMENTS

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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 589 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.
Best Local Similarity 100.
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
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US-08-431-333-6
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                                                                                                                          FEATURE:
NAME/KEY: PEPTIDE
LOCATION: (1). (10)
OTHER INFORMATION: Internal peptide of mouse GP88 used to raise the CTHER INFORMATION: antisera against the GP88 used in the CTHER INFORMATION: immunoaffinity step.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6, Application US/07668648

SEQUENCE 11000

TITLE OF INVENTION: MODULATING PROTEINS

STATE: New York

STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 96; DB 1; Length 589; 100.0%; Pred. No. 9.2e-08; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-09;
Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New YORK
CUUNTRY: USA
ZIP: 10036
CWHUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECOMMONICATION NUMBER: 5624-161-999
TELECOMMONICATION (212) 790-9090
TELEFRAX: (212) 790-9090
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KKVIAPRRIPDPQILKSDT 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: (SEQUENCE CHARACTERISTICS:
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 19; Conservative
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                                                                           TYPE: PRT ORGANISM: mouse granulin
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US-07-668-648-6
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US-07-668-648-6
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RESULT

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Sequence 6, Application US/08431333
| Patent No. 5965723
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: Slowman, Gregory D. TITLE OF INVENTION:
| TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS
| NUMBER OF SEQUENCES: 12 | NUMBER OF SEQUENCES: 14 | NUMBER OF SEQUENCES: 15 | NUMBER OF SEQUENCES: 16 | NUMBER OF SEQUENCES: 17 | NUMBER OF SEQUENCES: 18 | NUMBER OF SEQUENCES
Sequence 6, Application US/08429998

Sequence 6, Application US/08429998

Patent No. 5885961

GENERAL INFORMATION:
APPLICANT: Showan, Gregory D.
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CUNTRY: New York
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LEM PC compatible
COMPUTER: PELPOPY disk
COMPUTER: PELPOPY disk
COMPUTER: PETENT: PC-DOS/MS-DOS
SOFTWARE: PETENTION DATA:
APPLICATION NUMBER: US/08/429,998
FILING APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 13-APR-1995
CLASSIFICATION NUMBER: US/0/68,648
FILING DATE: 13-ARR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 5624-161-999
TELERCOMMUNICATION INFORMATION:
THE ERPONE: (212) 796-90-901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           red. No. 9.2e-08;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 96; DB 2;
100.0%; Pred. No. 9.2e-08
tive 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SSEE: Pennie & Edmonds
T: 1155 Avenue of the Americas
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BER PC compatibl
OPERATING SYSTEM: PC-DOS/N
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Sequence 2, Application US/09813156
; Sequence 2, Application US/09813156
; Ratent No. 6670183
; GENERAL INFORMATION:
    APPLICANT: Series, Ginette
; TITLE OF INVENTION: 8 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
; TITLE OF INVENTION: 88 KDA TUMORER: US/09/813,156
; CURRENT FILING DATE: 2001-03-21
; FRIOR APPLICATION NUMBER: 08/991,862
; FRIOR APPLICATION NUMBER: 08/991,862
; FRIOR PILING DATE: 1997-12-16
; FRIOR FILING DATE: 1997-05-23
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
; LENGTH: 589
                                                                                                                                                                                                                                                                            RESULT 7
US-08-991-862-2
US-08-991-862-2
US-08-991-862-2
Sequence 2, Application US/08991862
Patent No. 630926
GENERAL INPORMATION:
APPLICANT: Serrero, Ginette
ITILE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REFERENCE: 2996-488/P001-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER PEPLICATION NUMBER: 08/083,862
MUMBER OF SEQ ID NOS: 17
SEQ. TONE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
ITYPE: PRT
CORPANISM: Mouse epithelin/granulin
US-08-991-862-2
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                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 589;
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   Pred. No. 9.2e-08; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 89; DB 4; I
Pred. No. 1.3e-06;
0; Mismatches 1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) ORGANISM: Mouse epithelin/granulin US-09-813-156-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 9
US-07-688-648-2
US-07-688-648-2
Patent No. 5416192
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 344 KKVIAPLRLPĎPQILKSĎŤ 362
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Best Local Similarity 100.0%; P
Matches 19; Conservative 0;
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Best Local Similarity 94.73
Matches 18; Conservative
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US-09-813-156-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     임
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GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Blowman, Gregory D.
ITILE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
STARET: Washington
COUNTRY: USA
ZIP: 198121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 96; DB 2; Length 589;
Best Local Similarity 100.0%; Pred. No. 9.2e-08;
Matches 19; Conservative 0; Mismatches 0; Indels
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COMPUTER READABLE FORM:
COMPUTER Ploppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAREATIN Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REFERENCE/DOCKET NUMB
              Patentin Release #1.0, Version #1.25
                                                                                                APPLIANT
APPLIANT
APPLIANT
APPLIANT
BILING DATE: 27-ARR-1995
CLASSIFCATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-WAR-1991
ATYONEN/APENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION INFORMATION:
TELEPHONE: (212) 790-909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 96;
                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  344 kkviApkkiPbPQiikSbr 362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 589 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein PCT-US91-02321-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-431-333-6
                  SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 6
PCT-US91-02321-6
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APPLICANT: Shoyab, Mohammed
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: RETTHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 62, DB 2, Length 589;
Pred. No. 0.037;
1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                   Length 589;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/431,333
FILING DATE: 27-APR-1995
CLASSIFICATION TO 336
PRIOR APPLICATION DATE: US/08/68,648
FILING DATE: 13-MAR-1991
ATPONREY/AGENT INPORMATION:
NAME: MISTOCK, S. Leslie
REGISTRATION NUMBER: 18,872
                                                                                                                                                                                                                                                                                                                                                                   Score 62; DB 2;
Pred. No. 0.037;
                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CIIY: New York STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-431-333-2; Sequence 2, Application US/08431333; Patent No. 5965723
               TALEMENT MATCH, S. Leslie
REGISTRATION NUMBER: 18,872
REPERENCE/DOCKET NUMBER: 5524
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9079
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 18,872
REJECOMMUNICATION INFORMATION:
TELEPHONE: (212)790-9090
TELEPHONE: (212)790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       344 KKVTASLSLPDPQILKND 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 KKVIAPRRLPDPQILKSD 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 72.2%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 72.2%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
                                                                                                                                                                                                                         589 amino acids
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                                                                                                                                                                                                                                                                                                 protein
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CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie &
                                                                                                                                                                                                                                              amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                           , MOLECULE TYPE:
US-08-429-998-2
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Sequence 2, Application US/08429998

Sequence 2, Application US/08429998

Patent No. 5865961

GENERAL INFORMATION:

APPLICANT: Shoyab, Mohammed

APPLICANT: Plowman, Gregory D.

TITLE OF INVENTION: MODULATING PROTEINS

STREET: 1155 Avenue of the Americas

CITY: New York

CITY: New York

COUNTRY: USA

ZIP: 10036

MEDIUM TYPE: Floppy disk
Gregory D.
EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
MODULATING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 72.2%; Pred. No. 0.037;
Matches 13; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 10036
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FLING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 18,872
REGISTRATION NUMBER: 5624-161-999
TELEPROME: (212) 790-900
TELEFAX: (212) 790-900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Version #1.25
       APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CY
TITLE OF INVENTION: BOTHELINS: NOVEL CY
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SECUENCES: 12
CORRESPONDENCE ADDRESS:
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IEMP Compatible
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Vez
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 24
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/668,648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  344 KKVTASLSLPDPQILKND 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 KKVIAPRRLPDPQILKSD 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , MOLECULE TYPE: protein US-07-668-648-2
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APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
APPLICANT: MATC J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AENCISICA SPECIAL SPECIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 19;
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55.6%; Pred. No. 0.68;
                                                                                                                                                                                       Score 47; DB .
Pred. No. 1.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
46.4%; Score 44.5; D
Best Local Similarity 42.3%; Pred. No. 12;
Matches 11; Conservative 3; Mismatches
                                                                                                                                                                                                                                                    3; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28167, Application US/09252991A Patent No. 6551795
                                                                                        ), OTHER INFORMATION: consensus sequence US-09-800-971-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                    2 KVIAPRRLPDPQILKSDT 19
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                       Query Match
Best Local Similarity 50.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                              5 KIISARNLPDPYVKVSKT
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ORGANISM: Human granulin
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Best Local Similarity
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US-09-252-991A-28167
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0
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APPLICANT: Showman, Gregory D.
TITLE OF INVENTION: MODILATING PROTEINS
TOTE OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bristol-Myers Squibb Company
STREET: 3005 First Avenue
STREET: Washington
COUNTRY: USA
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Sequence 11, Application US/09800971

Sequence 11, Application US/09800971

GENERAL INFORMATION:
APPLICANT: Rachel A. Meyers
TITLE OF INVENTION: FAMILY MEMBER AND USES THEREOF
TITLE OF INVENTION: FAMILY MEMBER AND USES THEREOF
FILE REFERENCE: 10448-023001
CURRENT APPLICATION NUMBER: US/09/800,971
CURRENT PILING DATE: 2001-03-06
PRIOR PILING DATE: 2000-03-07
PRIOR PILING DATE: 2000-03-07
PRIOR PILING DATE: 2000-03-07
PRIOR PLICATION NUMBER: 60/188,032
PRIOR PLICATION NUMBER: 60/188,032
PRIOR PLICATION NUMBER: 60/188,032
PRIOR PLICATION NUMBER: 2000-03-09

NUMBER OF SEQ ID NOS: 11

LENGTH: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 5; Length 589; 0.037;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: ....
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02321
FLING DATE: 19910403
CLASS/FRICATION: 14
ATTORNEY POOL Brian W.
NAME: POOL Brian W.
REGISTRATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REGISTRATION NUMBER: 32,928
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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Pred. No. 0
                                                                                                                                                                                                                               Sequence 2, Application PC/TUS9102321
GENERAL INFORMATION:
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             1 KKVIAPRRLPDPQILKSD 18
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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AMINO ACID
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Best Local Similarity 72.2
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , MOLECULE TYPE: protein PCT-US91-02321-2
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Search completed: March 26, 2004, 12:29:48 Job time : 15.5897 secs

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10, Appl
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11, Appl
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Patent No. 6309826

GENERAL INFORMATION:
APPLICANT: Serrero, Ginette
TITLE OF INVENTION: 89 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
FILE REPERENCE: 2996, 4881/P001-A
FURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
EARLIER FILING DATE: 1998-08-17
SARLIER FILING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SEQ ID NO 17
LENGTH: 593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13 ATGTGGACCCTGGTGAGCTGGCCTTAACAGCAGGGCTGGTGGCTGGAACGCGGTGC
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                                      Sequence 2, As Sequence 2, As Sequence 8, As Sequence 8, As Sequence 8, As Sequence 10, Sequence
                                                                                                                                                                                                                                                                                       Sequence 1
Sequence 3
Sequence 2
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Sequence 3
Sequence 4
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Sequence 1
Sequence 2
Sequence 2
Sequence 2
Sequence 3
Sequence 3
Sequence 3
Sequence 3
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Matches:
Conservative:
Mismatches:
Indels:
               PCT-US91-02321-6
US-08-991-862-2
US-09-991-862-2
US-09-991-862-2
US-08-431-3321-8
PCT-US91-02321-8
US-08-431-333-10
US-08-431-333-10
US-08-431-997-11
US-08-431-997-11
US-08-977-767-3
US-08-977-767-3
US-08-977-767-3
US-08-977-97-11
US-08-99-232-2
US-08-899-232-2
US-08-999-232-2
US-09-985-722-3
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3511.00
100.00%
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85.57%
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; ORGANISM: Human GP88 cDNA
US-08-991-862-17
Percent Similarity:
Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Alignment Scores:
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291.5
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DB:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Command line parameters:
-MODEL=frame+ n2p.model -DEV=xlp
-0=/cgn21 (JUSTP, model -DEV=xlp
-0=/cgn21 (JUSTP) spool p/USO824647/runat_26032004_110227_22330/app_query.fasta_1.2247
-0=/cgn21 (JUSTP) spool p/USO824647/runat_26032004_110227_22330/app_query.fasta_1.2247
-DB=ISQUE AA -OFWT=fastan -SUFFIX=rai -MINNATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=Eits -START=1 -END=-1 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAR=200 -AALGO=15
-MODE=LOCAL -OUTFNT=pto -NORM=ext -PCRES=500 -MINLEN=0 -MAXLEN=200000000
-USER=USO98824647 @CGN 1 1 27 @runat_26032004_110227_22330 -NCPU=6 -ICPU=3
-NO MMAP -LARGEQUERY -NEG SCORES=0 -WAIT -DSPBLOCK=100 -LONGLOG
-DEV_TINEOUT=120 -WARN_IMEGOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELEXT=7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17, Appl
Sequence 17, Appl
Sequence 4, Appli
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11. /Ggn2_6/ptodates/2/iaa/5A_COMB.pep:*
12. /Ggn2_6/ptodates/2/iaa/5B_COMB.pep:*
13. /Ggn2_6/ptodata/2/iaa/6A_COMB.pep:*
14. /Ggn2_6/ptodata/2/iaa/6B_COMB.pep:*
15. /Ggn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
16. /Ggn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
17. /Ggn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
17. /Ggn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
17. /Ggn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                            GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
                                                                                                                         - protein search, using frame_plus_n2p model
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US-09-813-156-17
US-07-68-48-4
US-08-421-333-4
US-08-431-333-4
US-08-429-998-2
US-08-429-998-2
US-08-431-333-2
PCT-US91-02321-2
US-08-431-333-2
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Listing first 45 summaries
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Xgapop 10.0, Xgapext
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                                                                                                            Sequence 17. Application US/09813156
| Sequence 17. Application US/09813156
| Patent No. 6670183
| Patent No. 6670183
| GENERAL INFORMATION:
| APPLICANT: Series of Ginette
| TILLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACTOR AND ANTAGONISTS
| FILE REFRENCE: Z9996.488/P001-A
| CURRENT APPLICATION NUMBER: US/09/813,156
| CURRENT FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-12-16
| PRIOR FILING DATE: 1997-6-23
| NUMBER OF SEQ ID NOS: 17
| SOFTWARE: PatentIn Ver. 2.0
| SEQ ID NO 17
                                                                                                                                                                                                                                             TOSCCCTGCTGTCCCTACGCCCAGGCGTCTGTTGTGCTGATCGGCGCCACTGCTGTCTT
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TYPE: PRT
ORGANISM: Human GP88 CDNA
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Best Local Similarity:
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  ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 19,872
REFERENCE/POCKET NUMBER: 5624-161-999
TELEPHONE: (212) 790-909
TELEPHONE: (212) 790-909
TELEPHONE: (212) 869-9741
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 593 antino acids
TYPE: AMINO ACID
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
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3472.00
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Query Match:
DB:
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         Sequence 4, Application US/08429998

PREMENT NO. 288561

APPLICANT: PLOWMANT.

APPLICANT: PLOWNANT.

TITLE OF INVENTION: MODULATING PROTEINS.

TORRESPONDENCES: 12

CORRESPONDENCES: 12

CORRESPONDENCES: ADDRESS:

ADDRESSEE: Pennie & Edmonds

STREE: New York

COUNTRY: USA

CONTUTRY: USA

COMPUTER: DEPTEMBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: DEPTEMBLE FORM:

MEDIUM TYPE: TOOS AND ADDRESSEE:

COMPUTER: DEPTEMBLE FORM:

MEDIUM TYPE: TOOS AND ADDRESSEE:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-WAR-1991

ATTORNEY APPLICATION DATA:

APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-WAR-1991

ATTORNEY/AGENT NUMBER: US 07/668,648

FILING DATE: 13-WAR-1991

ATTORNEY/AGENT NUMBER: 18,872

REGISTRATION NUMBER: 18,873

REGISTRATION NUMBER: 18,872
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Matches:
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DB:
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Pred. No.:
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us-09-824-647-16.rai

Score: 3472.00 Matches: 587  Percent Similarity: 98.99\$ Conservative: 0  Best Local Similarity: 98.99\$ Mismatches: 6  Query Match: 2 Maratches: 6  US-09-824-647-16 (1-2095) x US-08-431-333-4 (1-593)  Oy 13 ATGTGGACCCTGGTGACGTGGGTTTAACAGCAGGCTGGTGGCTGCTCCTGGTGACCTGGTGGTGCTTTAACAGCAGGCTGGTGGCTGGTGCTGGTGCTGGTGCTGGTGCTTAACAGCAGGCTGGTGGCTGGTGCTGGTGCTGGTGCTGGTGCTGGTGCTGGTGCTGGTGG	Oy 13 CCAGATGGTCAGTTCTGCCCTGTGGCCTGCTGCACCCCGGAGGAGCCAGCTACAGC 132	193 TGCCAGGTTCATGCCCACTGCCGCCCACTCCTGCATCTTTACCGTCTCAGGGACT  [	313 CGGGGCTTCCACTGCAGGGGGGGATCCTGCTTCCAAAGATCAGGTAF  101 ArgGlypheHisCysSerAlaAspGlyArgSerCysPheGlnArgSerGlyAe  373 GTGGCTGCATCCAGTGCCCTGATACTCGATCCTGCTTCCAAAGATCAGGTAF  374 GTGGCTGCATCCAGTGCCCTGATACTCAGTTCGAATGCCCGGACTTCTCCAC	COSEPTIONS TO THE COSE TO THE COSET TO THE C	Qy 493 AGGTGCACTGCTCCACGGTGCCTTCTGCGACCTGGTTCACACCCGGTGCATCACACCCGTGCATCACACCCGTGCATCACACCCGTGCATCACACCACACACA	613 G 201 A 673 T	CTGATCCAGAGTAAGTGC 79 [	Db 261 LeuSerLysGluAsnAlaThrThrAspLeuleuThrLysLeuProAlaHisThrValG   280  Qy 853 GATGTGAAATGTGACATGGAGGTGACCCAGATGGCTATACCTGCTGCTGCTGTACAGG 912  Db 281 AspValLysCysAspMetGluValSerCysProAspGlyTyrThrCysCysArgLeuGln 300	OY 913 TGGGGGGCTGGGGTGCTTTTACCCAGGCTGTGTGTGAGGACACATACAC 972
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	QY         1573 TGTGGGGAAGGACTTCTGCCATGATAACCAGACCTGCTGCCGAGACAACCGACAGGGC 1632           Db         521 [VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	QY         1693 GCTGGCTTCCGCTGCAGGGGTACCAAGTGTTTGCGCAGGGGCCCCCCCC	RESULT 5 US-08-431-333-4 Sequence 4, Application US/08431333 Sequence 4, Application US/08431333 GENERAL INFORMATION: APPLICANT: Shoyab, Mohammed APPLICANT: Plowman, Gregory D.	TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS TORRESPONDENCES: 12 CORRESPONDENCE ADDRESS: ADDRESSEE: Pennie & Edonode ADDRESSEE: Pennie & Edonode ADDRESSEE: Pennie & Edonode	STATE: New York STATE: New York COUNTRY: USA COMPUTER READABLE FORM: MEDIUM TYPE: FIORPY disk COMPUTED: The PC Comparible	CONTRAINS SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/431,333 FILING DATE: 27-APR-1995 CLASSIFICATION TOTA: 536 PRIOR APPLICATION DATA:	APPLICATION NUMBER: US 07/668,648 FILING DATE: 13-MAR-1991 ATTORNEY/AGENT INFORMATION: NAME: Misrock, S. Leslie REGISTRATION NUMBER: 18,872 REFERENCE/DOCKET NUMBER: 5624-161-999 TELECOMMUNICATION INFORMATION:	E: FOR HAR B 59	TOPOLOGY: linear  MOLECULE TYPE: protein US-08-431-333-4  Alignment Scores: Fred. No.: 6.92e-217 Length: 593

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GCCTTGTCCAGCTCGGTCATGTGCCGGACGCACGGTCCCGGTGCCCTGATGGTTCTACC 672
 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                        CAGGTGCCCTGGATGGAGGCCCCCAGCTCACCTCAGCCTGCCAGACCCACAAGCCTTG 1092
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TCTGCCCAGCCTGCCACCTTCCTGGCCCGTAGCCCTCACGTGGGTGTGAAGGACGTGGAG
                                                         341 GlnValProTrpMetGluLysAlaProAlaHisLeuSerLeuProAspProGlnAlaLeu
                                                                                           AAGAGAGATGTCCCCTGTGATAATGTCAGCAGCTGTCCCTCCTCCGATACCTGCTGCCAA
                                                                                                                                              CTCACGTCTGGGGGAGTGGGGGCTGCTGTCCAATCCCAGAGGCTGTCTGCTGCTGCTCGGACCAC
                                                                                                                                                                                                                 GlnHisCysCysProGlnGlyTyrThrCysValAlaGluGlyGlnCysGlnArgGlySer
                                                                                                                                                                                                                                                                        GlulleValAlaGlyLeuGluLysMetProAlaArgArgAlaSerLeuSerHisProArg
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Sequence 2.4. Application PC/TUS9102321
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Showah, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE BListol-Myers Squibb Company
STREET: 3005 First Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIR: 98121
ZIR: 98121
SIRE SHABABLE FORM:
MEDIUM TYPE: Floppy disk
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CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER:

FLING DATE: 19910403

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: POOT, BILAIN W.

REGISTRATION NUMBER: 32,928

REGISTRATION NUMBER: 32,928

REFERENCE/DOCKET NUMBER: 0N0071A-PC

TELEPHONE: (206)748-4800

TELEPAX: (206)748-475

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LEMOTH: 593 amino acids

TYPE: AMINO ACID

TYPE: AMINO ACID

TOTOLOGY: linear

TOTOLOGY: linear
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: TOWN FC-DOS/MS-DOS
SOFTWARE: Patentin Re-lease #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MISTORCK, S. Leslie
REGISTRATION NUMBER: 18,822
REGISTRATION NUMBER: 18,822
TELECOMMUNICATION INFORMATION:
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Mismatches:
Indels:
                                                 1753 GACGCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG
                                                                      US-09-824-647-16 (1-2095) x US-07-668-648-2 (1-589)
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INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
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AMINO ACID
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Best Local Similarity:
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STREET: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CIIY: New York
COUNTRY: New York
COUNTRY: USA
ZIP: 100.
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MEDIUM TYPE: Floppy disk
CMEDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 869-9741
INFORMATION FOR SEQ ID NO: ;
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
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amino acid
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TOPOLOGY: linear
MOLECULE TYPE: protein
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie &
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Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed APPLICANT: Plowman, Gregory D.
ATILE OF INVENTION: PEPITHELINS: NOVEL CYSTEINE-RICH GROWTH TITLE OF INVENTION: MODULATING PROTEINS 1753 GACGCCCTTTGAGGGACCCAGCCTTGAGACAGCTGCTG 1791 CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/429,998
FILING DATE: 27-APR-1995
CLASSIFICATION: 514
PRICR APPLICATION DATA:

APPLICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leelie

REGISTRATION NUMBER: 18,972
REFERENCE/DOCKET NUMBER: 5624-161-999
TELECONMUNICATION NUMBER: 5624-161-999 

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                                          CAGGTGCCCTGGATGGAGAAGGCCCCCAGACCTCAGCCTGCCAGACCCACAAGCCTTG
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; Sequence 2, Application US/08431333
; Patent No. 5965723
; GENERAL INFORMATION:
    APPLICANT: Shoyab, Mohammed
    APPLICANT: Plowman, Gregory D.
    TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
    TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
    TITLE OF INVENTION: BOULDATING PROTEINS
    NUMBER OF SEQUENCES: 12
    CORRESPONDENCE ADDRESS:
    ADDRESSE: Pennie & Edmonds
    STREET: 1155 Avenue of the Americas
    CITY: New York
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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                                    9.94e-167
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84.15%
74.70%
65.71%
                                                       Percent Similarity:
Best Local Similarity:
                           Alignment Scores:
Pred. No.:
        US-08-429-998-2
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STATE: New York

COUNTRY: USA
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ZOMPUTER READABLE FORM:
MEDITUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 07/668,648
FILING DATE: 27-APR-1995
CLASSIFICATION NUMBER: US 07/668,648
FILING DATE: 13-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Miscock, S. Leslie
FEGISTRATION NUMBER: S624-161-999
TELEPHONE: (212) 780-990
TELEPHONE: (212) 780-971
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTENISTICS:
LENGTH: S89 amino acids
TYPE: Amino acids
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Matches:
Conservative:
Mismatches:
Indels:
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PCT-US91-0231-2
Sequence 2, Application PC/TUS910231
GENERAL INFORMATION:
APPLICANT: Shoyab, Mohammed
APPLICANT: Shoyab, Mohammed
TITLE OF INVENTION: BEITHELINS: NOVEL CYSTEINE-RICH GROW
TITLE OF INVENTION: MODULATING PROTEINS
NUMBER OF SEQUENCES:
ADDRESSES: ADDRESS:
ADDRESSES: Bristol-Myers Squibb Company
STRET: 3005 First Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: Mashington
COUNTRY: USA
ZIP: PS12
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BATCHION Release #1.0, Version #1.25
COMPUTER: PS12
SOFTWARE: PCT/US91/02321
FILING DATE: 19910403
CLASSIFICATION NUMBER: PCT/US91/02321
REFERENCE/DOCKET NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 32,928
REFERENCE/DOCKET NUMBER: 00071A-PC
TELECHAN: (206)448-4775
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: SAS Amino acids
LTYPE: AMINO ACID
                                                                                                                                                                                                                       GACGCCCCTTTGAGGGACCCCAGCCTTGAGACAGCTGCTG 1791
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MOLECULE TYPE: protein
PCT-US91-02321-2
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Matches:
Conservative:
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2693.00
83.98%
74.37%
65.63%
LENGTH: 589 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECTLE TYPE: protein
US-07-668-648-6
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Query Match:
DB:
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US-07-668-68-8

Sequence 6, Application US/07668648

PREED NO. 5416192

GENERAL INFORMATION:
APPLICANT: Plowman, Gregory D.
TITLE OF INVENTION: EPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF INVENTION: MODULATING PROTEINS

NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York

COUNTRY: USA
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentun Release #1.0, Ver;
CUBRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/668,648
FILING DATE: 19910819
CLASSIFICATION NUMBER: 18,872
RATIONNEY/AGENT INFORMATION:
NAME: Mistock, S. Lealie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 5624-161-9:
TELECHOMICATION INFORMATION:
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TELECHOME: (212)790-9090
TELECHARACIERISTICS:
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CORRESPONDENCE ADDRESS:
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Sequence 6. Application US/08429998
Patent No. 5885961
GENERAL INFORMATION:
APPLICANT: Showman, Gregory D.
TITLE OF INVENTION: RPITHELINS: NOVEL CYSTEINE-RICH GROWTH
TITLE OF SEQUENCES: 12
NUMBER OF SEQUENCES: 12
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CURRENT APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE: 27-APR.1995

CLASSIFICATION NUMBER: US/08/429,998

FILING DATE: 27-APR.1995

CLASSIFICATION NUMBER: US/068,648

PRICHARD APPLICATION DATA:

APPLICATION NUMBER: US 07/668,648

FILING DATE: 13-MAR.1991

ATTORNEY/AGENT INFORMATION:

NAME: MISTOCK, S. Leslie

REGISTRATION NUMBER: 18,872

REGISTRATION NUMBER: 18,872

REGISTRATION NUMBER: 18,872

REGISTRATION NUMBER: 18,972

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
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Matches:
Conservative:
Mismatches:
Indels:
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ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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74.37%
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INFORMATION FOR SEQ ID NO: 6:
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amino acid
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Best Local Similarity:
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PhelleGlnProProValLeuLeuThrLeuGlyProLysValGly-----AsnValGlu 516
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                                                                                                                                                                                                                                                                        | Sequence 6, Application US/08431333 | Sequence 6, Application US/08431333 | Patent No. 5965723 | GENERAL INFORMATION: APPLICANT: Shoyab, Mohammed APPLICANT: Blowman, Gregory D. TITLE OF INVENTION: MODULATING PROTEINS | TITLE OF INVENTION: MODULATING PROTEINS | NUMBER OF SEQUENCES: 12 | CORRESPONDENCE ADDRESS: ADDRESSEE: Pennie & Edmonde | STREET 1155 Avenue of the Americas | CITY: New York | STATE: New York | STATE: New York | COUNTRY: USA
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MEDLINA TYPE: RIOPSY disk
MEDLINA TYPE: RIOPSY disk
COMPUTER: IBM PC compatible
SOFTWARE: Patentln Release #1.0, Version #1.25
SOFTWARE: Patentln Release #1.0, Version #1.25
SOFTWARE: Patentln Name: 05/08/431,333
FILING DATE: 27-APR.1995
CLASSIFICATION NUMBER: 536
PRIOR APPLICATION NUMBER: 103 07/668,648
FILING DATE: 13-AAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: MASTOCK; S. Leslie
REFERENCE/DCKET NUMBER: 5624-161-999
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-900
TELEPHONE: (212) 790-9000
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Matches:
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amino acid
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| Sequence 6, Application PC/TUS9102321
| Sequence 6, Application PC/TUS9102321
| GENERAL INFORMATION:
| APPLICANT: Shoyab, Mohammed | APPLICANT: Shoyab, Mohammed | APPLICANT: Plowman, Gregory D. | TITLE OF INVENTION: BPITHELINS: NOVEL CYSTEINE-RICH GROWTH | TITLE OF INVENTION: MODILATING PROTEINS | NUMBER OF SEQUENCES: 12 | NUMBER OF SEQUENCES: 12 | APPLICANTHENCES: ADDRESSE: ALISTOL-Myers Squibb Company | STREET: 3005 First Avenue
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: PSYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
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APPLICATION NUMBER: PCT/US91/02321
FILING DATE: 1991/0403
ATLORSIFICATION: 514
ATLORNEY/AGENT INFORMATION:
NAME: Poor, Brian W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Washington
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STATE: Washing
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Matches:
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 32,928
3R: ON0071A-PC
REGISTRATION NUMBER: 32,928
REFERENCE/DOCKET NUMBER: ONO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)728-4806
INFORMATION OS SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 589 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
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2693.00
83.98%
74.37%
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Percent Similarity:
Best Local Similarity: 7
Query Match:
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         GREERAL NO. 6309826
GREERAL INFORMATION:
APPLICANT: SETERO. Ginette
TITLE OF INVENTION: 88 KDA TUMORIGENIC GROWTH FACT
FILE REPERENCE: 2996.4887 POOL-A
CURRENT APPLICATION NUMBER: US/08/991,862
CURRENT FILING DATE: 1998-08-17
FRALIER PEPPLACATION NUMBER: 08/963,862
FRALIER PEPPLACATION NUMBER: 08/963,862
FRALIER PELING DATE: 1997-05-23
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 589
TYPE: PRT
TYPE: PRT
CORGANISM: Mouse epithelin/granulin
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